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# VENOL®

PRODUCT CATALOG



**MOTOR  
PROTECTION**



**LOW  
SAPS**



**FUEL  
ECONOMY**



**MOTOR  
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**LOW  
SAPS**



**FUEL  
ECONOMY**



VENOL Motor Oil was founded in 2002 as a limited liability company based in Ladbergen in Northern Germany. Our mission has always been to manufacture top quality lubricants and car chemistry products and deliver them to our customers. In order to accomplish it, the company put a whole range of VENOL® brand products on offer in 2003. The implementation of new technologies in 2004 allowed us to develop new-generation products and – thanks to their outstanding quality – effectively compete with the leaders of the engine oils, automotive chemicals and cosmetics manufacturing industry. Due to intensive expansion, also to the markets of the new European Union member states (as part of a long-term development strategy), VENOL Motor Oil began locating production in other countries, co-operating with the best local manufacturers, sharing the most modern technologies with them and introducing high standard requirements regarding production and services.

Consequently, the brand was successfully promoted not only in Poland, Lithuania and Latvia, but also Russia, Ukraine and Belarus. The introduction of a new line of advanced, premium quality engine oils formulated from a special blend of base stocks with the unique ACTIVE POWER technology in 2008 was an outstanding success.



# VENOL®

## VENOL SYNTHESIS HC-EC SILVER ACTIVE SN/CG/EC 0W-30

According to Venol's opinion meets the requirements of:  
VW 502 00/505.00, BMW LL 01, Mercedes Benz 229.3, Porsche A40, RN 700

Motor oil designed for the most modern gasoline and diesel engines. A special blend of base stocks and the use of optimally selected quality additives guarantee a long and trouble-free operation of the engine. The content of the technologically advanced additives and the synthetic base stock let fully utilize the power and the torque of the engine. The oil is characterized by the chemical stability, which guarantees full protection of the co-operating parts of the engine, the increase of the service life of oil and maximum engine performance. The oil definitely makes cold starts easier. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **0W-30**  
QUALITY CLASS API **SN/CG/EC**  
QUALITY CLASS ACEA **A5/B5**  
PACKING: 1L, 4L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	10,3
Viscosity Index	160
TBN (mg KOH/g)	8,0
Pour Point °C	-45
Flash Point °C	228

## VENOL SYNTHESIS HC-EC SUPER ACTIVE SN/SM/CF/EC 0W-40

According to Venol's opinion meets the requirements of: Mercedes-Benz 229.3, Mercedes-Benz 229.5, VW 502.00/505.00, BMW LL-01, GM-LL-B-025, Porsche A40, RN 710/700

Ultramodern motor oil based on a special blend of base stocks, formulated with the unique ACTIVE POWER technology. Designed for lubricating the most modern gasoline and diesel supercharged engines, as well as engines with injection pumps. The advanced ACTIVE POWER technology guarantees maximum engine performance. It makes cold starts of the engine easier and outstandingly protects it both in low and high temperatures. It keeps the engine perfectly clean, extends the drain intervals and significantly reduces fuel consumption. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **0W-40**  
QUALITY CLASS API **SN/SM/CF/EC**  
QUALITY CLASS ACEA **A3/B4**  
PACKING: 1L, 4L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	14,3
Viscosity Index	155
TBN (mg KOH/g)	9,0
Pour Point °C	-46
Flash Point °C	220

Note: All figures may vary slightly.

## VENOL SYNTHESIS HC-EC GOLD ACTIVE SM/CF 5W-20

According to Venol's opinion meets the requirements of:  
FORD WSS-M2C925-A, FORD WSS-M2C925-B, ILSAC GF-4

Ultramodern motor oil formulated with the unique ACTIVE POWER technology. With the unique composition of base oils, quality additives and additives for improving rheological properties this oil reduces fuel consumption. It provides complete and continuous protection against wear modern petrol engines, which allows the use of oil SAE 5W-20 in all conditions. This oil makes cold starts of the engine easier and protects excellent in high temperatures. It guarantees resistance to high thermal and mechanical loads. This oil provides longer engine life. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **5W-20**  
QUALITY CLASS API **SM/CF**  
QUALITY CLASS ACEA **A5/B5**  
PACKING: 1L, 4L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	8,8
Viscosity Index	150
TBN (mg KOH/g)	8,0
Pour Point °C	-40
Flash Point °C	210

## VENOL SYNTHESIS HC-EC PREMIUM ACTIVE SM/CF 5W-30

According to Venol's opinion meets the requirements of:  
MB 229.3, MB 229.5, VW 502 00/505 00, GM-LL-B-025, Porsche A40,

Ultramodern modern oil based on a special blend of base stocks, formulated with the unique ACTIVE POWER technology. Designed for lubricating the most modern gasoline and diesel supercharged engines, as well as engines with injection pumps. It makes cold starts of the engine easier and outstandingly protects it both in low and high temperatures. It keeps the engine perfectly clean, extends the drain intervals and significantly reduces fuel consumption. Ready to be mixed with other branded oil of this kind.



VISCOSITY GRADE SAE **5W-30**  
QUALITY CLASS API **SM/CF**  
QUALITY CLASS ACEA **A3/B4**  
PACKING: 1L, 4L, 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	10,8
Viscosity Index	150
TBN (mg KOH/g)	8,0
Pour Point °C	-36
Flash Point °C	210

Note: All figures may vary slightly.

# VENOL®

## VENOL SYNTHESIS HC-EC ECONOMIC VW ACTIVE SM/SL/CF/EC 5W-30

According to Venol's opinion meets the requirements of:  
VW 504.00/507.00, Mercedes-Benz 229.51, BMW Longlife-04, Porsche C30

Ultramodern motor oil of the Long Life type. It guarantees optimal performance and full engine protection under all operating conditions. The most modern low-SAPS formulation (decreased contents of sulfated ash, sulfur and phosphorus) guarantees excellent oil parameters, reduces the risk of valve wear, while providing better sludge control – this contributes to the reduction of sludge particles on Diesel Particulate Filters (DPF) and reduces the possibility of poisoning the catalytic converters in engines with spark ignition. VENOL SYNTHESIS ECONOMIC VW reduces fuel and oil consumption, extends mileage between the drain intervals and protects the environment. The oil was designed to meet the latest requirements of the engines installed in the Volkswagen vehicle group: Audi, Seat, Skoda, and Volkswagen. Ready to be mixed with other branded oil of this kind.

VISCOSITY GRADE SAE **5W-30**  
QUALITY CLASS API **SM/SL/CF/EC**  
QUALITY CLASS ACEA **A3/B3/B4/C3**  
PACKING: 1L, 4L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	11,5
Viscosity Index	160
TBN (mg KOH/g)	9,0
Pour Point °C	-40
Flash Point °C	210

## VENOL SYNTHESIS HC-EC ECONOMIC FO ACTIVE SM/CF 5W-30\*

According to Venol's opinion meets the requirements of:  
Renault RN 0720, Ford WSS-M2C912-A, Ford WSS-M2C913-A, Ford WSS-M2C913-B

Multigrade motor oil. Based on the ACTIVE POWER formula, it is formulated from a specially selected blend of base stocks and refined additives. It ensures excellent engine protection both in summer and winter and also reduces the risk of excessive wear of engine components. VENOL SYNTHESIS ECONOMIC FO is designed for the users of Ford vehicles. Ready to be mixed with other branded oil of this kind.



VISCOSITY GRADE SAE **5W-30**  
QUALITY CLASS API **SM/CF**  
QUALITY CLASS ACEA **A5/B5**  
PACKING: 1L, 4L, 20L, 60L, 208L

Available within min. 14-21 days. Minimum order 2000kg – 2300L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	9,9
Viscosity Index	160
TBN (mg KOH/g)	9,0
Pour Point °C	-40
Flash Point °C	210

Note: All figures may vary slightly.

## VENOL SYNTHESIS HC-EC GOLD ACTIVE SM/CF 5W-40

According to Venol's opinion meets the requirements of: MB 229.3, MB 229.5, VW 502 00/505 00, GM-LL-B-025, Porsche A40, RN 710/700

Motor oil which meets the requirements of the distinguished manufacturers of vehicles and machines. The relevant composition of base stocks and functional additives in conjunction with the use of ACTIVE POWER technology guarantees engine protection and greatly extends the drain intervals. It keeps the engine clean and improves the engine cold start at subzero temperatures. It is primarily designed for use in engines passenger cars, light commercial vehicles and SUV's. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **5W-40**  
QUALITY CLASS API **SM/CF**  
QUALITY CLASS ACEA **A3/B3, A3/B4**  
PACKING: 1L, 4L, 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	14,5
Viscosity Index	155
TBN (mg KOH/g)	9,0
Pour Point °C	-36
Flash Point °C	220

## VENOL SYNTHESIS HC-EC DIESEL ACTIVE CG/SM 5W-40

According to Venol's opinion meets the requirements of:  
Mercedes-Benz 229.5, VW 502.00/505.00, 505.01, Ford WSS-M2C917-A, RN 0700/0710

Oil for lubricating internal combustion engine. Based on the ACTIVE POWER technology, it is formulated from specially selected base stocks and modern refined additives. It guarantees maximum power and engine protection for all vehicle models operating in various climatic conditions. It is recommended for heavy duty gasoline and diesel engines in passenger cars, light commercial vehicles and SUV's. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **5W-40**  
QUALITY CLASS API **CG/SM**  
QUALITY CLASS ACEA **A3/B3, B4**  
PACKING: 1L, 4L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	14,5
Viscosity Index	160
TBN (mg KOH/g)	9,0
Pour Point °C	-40
Flash Point °C	210

Note: All figures may vary slightly.

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## VENOL SYNTHESIS HC-EC GOLD ACTIVE SM/SL/CF/EC 5W-50\*

According to Venol's opinion meets the requirements of:  
VW 501.00/505.00, BMW LL, Porsche, MB 229.3

Ultramodern motor oil based on a special blend of base stocks, formulated with the unique ACTIVE POWER technology. Designed for lubricating the most modern gasoline and diesel supercharged engines, as well as engines with injection pumps. It is perfect for motorsports thanks to technology ACTIVE POWER, which provides a maximum engine power. It makes cold starts of the engine easier and outstandingly protects it both in low and high temperatures. It keeps the engine perfectly clean, extends the drain intervals and significantly reduces fuel consumption. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **5W-50**  
QUALITY CLASS API **SM/SL/CF/EC**  
QUALITY CLASS ACEA **A3/B3/B4**  
PACKING: 1L, 4L, 20L, 60L, 208L

\*Available within min. 14-21 days. Minimum order 2000Kg – 2300L.

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	17,5
Viscosity Index	160
TBN (mg KOH/g)	9,0
Pour Point °C	-36
Flash Point °C	220

Note: All figures may vary slightly.

## VENOL SYNTHESIS HC-EC SPORT ACTIVE SM/CF 10W-40 VENOL SYNTHESIS HC-EC SPORT ACTIVE SM/CF 10W-60

According to Venol's opinion meets the requirements of: Mercedes-Benz 229.3 v 2012.2,  
VW 502.00/505.00, Renault 0700/0710, Porsche A40, Opel GM-LL-A/B-025, JASO MA-2

Motor oil for use in extreme conditions. It provides uninterrupted lubrication in the most extreme operating conditions, i.e. in low temperatures (cold start) and in high temperatures with the engine heated to the maximum, while retaining exceptional stability, thus engaging the full power in all driving conditions. It is designed for lubricating extremely loaded gasoline and supercharged diesel engines with catalytic converters. A special oil formulation provides complete engine protection in extreme sports driving conditions. The oil, besides its use in motor sports, can be applied by the drivers of modern cars who like to "floor it" but, at the same time, require maximum engine protection. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **10W-40** **10W-60**  
QUALITY CLASS API **SM/CF** **SM/CF**  
QUALITY CLASS ACEA **-** **-**  
PACKING: 1L, 4L, 20L, 60L, 208L

Physical characteristics	Typical value	
	10W-40	10W-60
Kinematic Viscosity at 100°C, cSt	14,8	25,8
Viscosity Index	159	140
TBN (mg KOH/g)	8,0	8,0
Pour Point °C	-41	-25
Flash Point °C	231	230

## VENOL SEMISYNTHETIC ACTIVE SM/SL/CF 10W-40

According to Venol's opinion meets the requirements of:  
Mercedes-Benz 229.1, VW 501.01/505.00, BMW LL, GM B 0402098

Semisynthetic, multigrade motor oil for use in extreme conditions. The unique stock composition provides excellent oil parameters, reduces the risk of valve wear while maintaining greater engine cleanliness. The relevant composition of synthetic and mineral bases together with the new generation of refined additives guarantees perfect lubrication and protection of the engine from the start up. These properties give the user trouble-free operation of the engine under all conditions, extending its life. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **10W-40**  
QUALITY CLASS API **SM/SL/CF**  
QUALITY CLASS ACEA **A3/B3, A3/B4**  
PACKING: 1L, 4L, 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	14,0
Viscosity Index	140
TBN (mg KOH/g)	8,0
Pour Point °C	-30
Flash Point °C	210

Note: All figures may vary slightly.

## VENOL SEMISYNTHETIC DIESEL ACTIVE CG-4 10W-40

**MB-Approval 229.1**  
According to Venol's opinion meets the requirements of:  
VW 501.00/505.00, BMW LL, GM B 0402098

Ultramodern semisynthetic motor oil based on a special blend of base stocks, formulated with the unique ACTIVE POWER technology. Designed for lubrication of the most modern diesel turbo engines, as well as diesel engines with injection pumps. The unique ACTIVE POWER technology guarantees maximum engine performance. It makes cold starts of the engine easier and outstandingly protects it both in low and high temperatures. It keeps the engine perfectly clean, extends the drain intervals and significantly reduces fuel consumption. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **10W-40**  
QUALITY CLASS API **CG-4**  
QUALITY CLASS ACEA **B3/B4**  
PACKING: 1L, 4L, 5L, 20L, 60L, 208L

Physical characteristics	Typical value	
Kinematic Viscosity at 100°C, cSt	14,7	
Viscosity Index	140	
TBN (mg KOH/g)	8,0	
Pour Point °C	-30	
Flash Point °C	210	

# VENOL®

## VENOL STANDARD SF/CD 15W-40

Multi-grade mineral oil formulated especially for engines in passenger cars and commercial vehicles exposed to high engine stress in stop and go urban driving conditions. The latest oil manufacturing technology and a special additive system provide exceptional lubricating properties as well as ultimate engine performance and protection. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **15W-40**  
 QUALITY CLASS API **SF/CD**  
 QUALITY CLASS ACEA **A2/B2**  
 PACKING: 1L, 4L, 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	14,0
Viscosity Index	130
TBN (mg KOH/g)	8,0
Pour Point °C	-24
Flash Point °C	210

## VENOL GAS STANDARD SL/SJ 15W-40

According to Venol's opinion meets the requirements of: Mercedes-Benz 229.1, FIAT 9.55535-G2, VW 500.00

Multi-grade mineral oil formulated especially for engines for passenger cars and commercial vehicles where a dual fuel system (petrol and LPG) is used. The latest oil manufacturing technology and a special additive system provide exceptional lubricating properties as well as ultimate engine performance and protection. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **15W-40**  
 QUALITY CLASS API **SL/SJ**  
 QUALITY CLASS ACEA **A3**  
 PACKING: 1L, 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	14,0
Viscosity Index	130
TBN (mg KOH/g)	8,0
Pour Point °C	-24
Flash Point °C	210

Note: All figures may vary slightly.

## VENOL FORMULA ACTIVE SM/SL/CF 15W-40

MB-Approval 229.1

According to Venol's opinion meets the requirements of: VW 505.01/505.00, BMW LL, GM B 0402098

Ultramodern, mineral motor oil based on a special blend of base stocks, formulated with the unique ACTIVE POWER technology, which provides maximum engine power. Designed for lubrication of the most modern gasoline and turbocharged engines, as well as engines with injection pumps. The unique ACTIVE POWER technology guarantees maximum engine performance. It makes cold starts of the engine easier and outstandingly protects it both in low and high temperatures. It keeps the engine perfectly clean, extends the drain intervals and significantly reduces fuel consumption. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **15W-40**  
 QUALITY CLASS API **SM/SL/CF**  
 QUALITY CLASS ACEA **A3/B4**  
 PACKING: 1L, 4L, 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	14,6
Viscosity Index	130
TBN (mg KOH/g)	9,2
Pour Point °C	-24
Flash Point °C	210

## VENOL DIESEL FORMULA ACTIVE CG-4/SH 15W-40

According to Venol's opinion meets the requirements of: Mercedes-Benz 228.0, Mercedes-Benz 228.1, MAN 270 MAN 271 MTU 1.0, VW 501.00/505.00, 505.01, VOLVO VDS-2

Ultramodern mineral motor oil based on a special blend of base stocks, formulated with the unique ACTIVE POWER technology, which provides maximum engine power. Designed for lubrication of the most modern engines with or without turbocharges. The unique ACTIVE POWER technology guarantees maximum engine performance. It makes cold starts of the engine easier and outstandingly protects it both in low and high temperatures. It keeps the engine perfectly clean, extends the drain intervals and significantly reduces fuel consumption. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **15W-40**  
 QUALITY CLASS API **CG-4/SH**  
 QUALITY CLASS ACEA **E2-96/B2-98/A2-96**  
 PACKING: 1L, 4L, 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	14,6
Viscosity Index	130
TBN (mg KOH/g)	8,0
Pour Point °C	-24
Flash Point °C	210

Note: All figures may vary slightly.

# VENOL®

## VENOL STANDARD ECONOMIC SF/CC 20W-50

Multi-seasonal mineral oil intended for use in engines working in rugged services conditions as well as for engines with high mileage. Recommended for car and truck engines. The modern production technology and carefully selected viscosity additives provide the reduction in oil consumption as well as reliable engine protection. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **20W-50**  
 QUALITY CLASS API **SF/CC**  
 QUALITY CLASS ACEA -  
 PACKING: 1L, 4L, 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	18,0
Viscosity Index	130
TBN (mg KOH/g)	6,5
Pour Point °C	-26
Flash Point °C	210

## VENOL 4T SYNTHESIS HC-EC ACTIVE SL 10W-40

Motor oil for use in extreme conditions. It provides uninterrupted lubrication in the most extreme operating conditions, i.e. in low temperatures (cold start) and in high temperatures with the engine heated to the maximum, while retaining exceptional stability, thus engaging the full power in all driving conditions. It is designed for lubricating extremely loaded gasoline and supercharged diesel engines with catalytic converters. A special oil formulation provides complete engine protection in extreme sports driving conditions. The oil, besides its use in motor sports, can be applied by the drivers of modern cars who like to "floor it" but, at the same time, require maximum engine protection. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **10W-40**  
 QUALITY CLASS API **SL**  
 QUALITY CLASS ACEA -  
 PACKING: 1L, 4L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	14,0
Viscosity Index	155
TBN (mg KOH/g)	8,0
Pour Point °C	-36
Flash Point °C	210

Note: All figures may vary slightly.

## VENOL 4T SYNTHESIS HC-EC ACTIVE SL 10W-50

Ultramodern motor oil for use in extreme conditions. It provides uninterrupted lubrication in the most extreme operating conditions, i.e. in low temperatures (cold start) and in high temperatures with the engine heated to the maximum, while retaining exceptional stability, thus engaging the full power in all driving conditions. It is designed for lubricating extremely loaded gasoline and supercharged diesel engines with catalytic converters. A special oil formulation provides complete engine protection in extreme sports driving conditions. The oil, besides its use in motor sports, can be applied by the drivers of modern cars who like to "floor it" but, at the same time, require maximum engine protection. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **10W-50**  
 QUALITY CLASS API **SL**  
 QUALITY CLASS ACEA -  
 PACKING: 1L, 4L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	18,0
Viscosity Index	160
TBN (mg KOH/g)	9,0
Pour Point °C	-36
Flash Point °C	220

## VENOL 4T SEMISYNTHETIC ACTIVE SM/SL 10W-40

According to Venol's opinion meets the requirements of:  
 JASO MA/MA2

Top quality semisynthetic motor oil made with the use of a unique technology ACTIVE POWER, designed for four-stroke motorcycles and boats. ACTIVE POWER technology guarantees a low evaporation and fast starting. Reduces engine wear both at low and high temperatures, which helps extend the life of the motor and significantly reduces the fuel consumption. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **10W-40**  
 QUALITY CLASS API **SM/SL**  
 QUALITY CLASS ACEA **A3**  
 PACKING: 1L, 4L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	14,0
Viscosity Index	140
TBN (mg KOH/g)	8,0
Pour Point °C	-35
Flash Point °C	210

Note: All figures may vary slightly.

# VENOL®

## VENOL VENLUB MIX 2T

High quality mineral motor oil for use in two-stroke engines (with premix lubrication system) in motorcycles, cars, personal water crafts, snowmobiles and chainsaws. Can be applied directly into the fuel tank, thanks to the use of a dissolving agent. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE -  
 QUALITY CLASS API **TC**  
 QUALITY CLASS ACEA -  
 PACKING: 1L, 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 40°C, cSt	19,0
Pour Point °C	-30
Flash Point °C	110

## VENOL 2TC SYNTHESIS HC-EC ACTIVE

Oil for use two-stroke engines (with premix lubrication system) and for reinforced engine of a cylinder capacity from 20 to 500 cm3. Used in engines of motorcycles, cars, personal water crafts, snowmobiles and chainsaws. Can be applied directly into the fuel tank, thanks to the use of a dissolving agent. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE -  
 QUALITY CLASS API **TC+**  
 QUALITY CLASS ACEA -  
 PACKING: 1L, 4L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	9,0
Viscosity Index	150
Pour Point °C	-40
Flash Point °C	170

Note: All figures may vary slightly.

## VENOL 2TC SEMISYNTHETIC ACTIVE

High quality semisynthetic oil designed for use in two-stroke engines with pre-mixed lubrication system and for reinforced engine of a cylinder capacity from 20 to 500 cm3. Used in engines of motorcycles, cars, snowmobiles, water scooter and chain saws. Thanks to the use of a dissolving agent, can be applied directly into the fuel tank. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE -  
 QUALITY CLASS API **TC**  
 QUALITY CLASS ACEA -  
 PACKING: 1L, 4L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	10,0
Viscosity Index	130
Pour Point °C	-30
Flash Point °C	110

## VENOL SEMISYNTHETIC TURBO ACTIVE UHPDO CI-4 10W-40

According to Venol's opinion meets the requirements of: MAN M 3477, Mercedes-Benz 228.51, Renault RVI RXD, MTU Type 3.1, MAN 3271-1, Volvo VDS-3, Deutz QQC III-05, DAF, Iveco

Latest generation oil especially designed for European diesel engines, meeting the most stringent Euro5 furmes emission standards. It provides protection and increases the life of exhaust system components such as catalytic converters and particulate filters. It delivers the stability of operation at extreme temperatures and protects the engine against wear and corrosion. It also extends the drain intervals. It is recommended for diesel engines equipped with exhaust gas recirculation, with and without particulate filters and for the engines with selective catalytic converter reducing nitrogen oxides in exhaust gases. The low-SAPS formula guarantees low levels of sulfur, phosphorus and sulfated ash – in accordance with the ACEA E-6 requirements. It can be used in the engines meeting the Euro 4, 3, 2 and 1 standards, in which the manufacturer of the vehicle recommends the use of this class of motor oil. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **10W-40**  
 QUALITY CLASS API **CI-4**  
 QUALITY CLASS ACEA **E7, E6, E4**  
 PACKING: 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	15,0
Viscosity Index	145
TBN (mg KOH/g)	11,0
Pour Point °C	-39
Flash Point °C	234

Note: All figures may vary slightly.

# VENOL®

## VENOL SEMISYNTHETIC DIESEL TRUCK XHPD CI-4/CG-4 10W-40

According to Venol's opinion meets the requirements of:  
MB 228.5; VOLVO VDS-3, MAN 3277, RENAULT RLD, DAF HP-2

High quality motor oil based on synthetic base stocks. It delivers optimum, long-lasting wear protection for heavily loaded diesel engines with or without turbocharging. It is especially designed for powerful vehicles working in cycles of big individual mileage. It is especially recommended for semi-trailer trucks. It guarantees easy start up in low temperatures. It can be used in vehicles equipped with catalytic converter systems. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **10W-40**  
QUALITY CLASS API **CI-4/CG-4**  
QUALITY CLASS ACEA **E5-02/E7-04**  
PACKING: 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	14,9
Viscosity Index	140
TBN (mg KOH/g)	11,0
Pour Point °C	-36
Flash Point °C	238
Sulfated ash, % weight	1,1

## VENOL LOGISTIC TRUCK XHPD CI-4/CH-4 15W-40

**MB-Approval 228.3**  
According to Venol's opinion meets the requirements of:  
CAT ECF-1, VOLVO VDS 3, MAN 3275, Renault RLD2

High quality motor oil based on specially selected mineral base stocks. It delivers optimum, long-lasting wear protection for heavily loaded diesel engines with or without turbochargers. It is especially recommended for powerful vehicles working in cycles of big individual mileage. It guarantees easy start up in low temperatures. It can be used in vehicles equipped with catalytic converter systems. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **15W-40**  
QUALITY CLASS API **CI-4/CH-4**  
QUALITY CLASS ACEA **E7/E5**  
PACKING: 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	15,5
Viscosity Index	130
TBN (mg KOH/g)	11,0
Pour Point °C	-31
Flash Point °C	210

Note: All figures may vary slightly.

## VENOL SUPER TRUCK SHPD CG-4/CH-4 15W-40

According to Venol's opinion meets the requirements of: Mercedes-Benz 228.1, MAN M 271-1, Volvo VDS-2, Renault RM RD/RD-2, MTU Type 2, Deutz DQC-II-10, TATRA TDS 30/12, TEDOM 258-3, AVIA: 712, D407, D421.76, D421.85

Multigrade, mineral motor oil designed for use in heavily loaded diesel engines. The relevant composition of base stocks and functional additives increases cleanliness of the engine during operation. It improves the engine power and extends the drain interval. It is designed for modern diesel engines which meet the Euro4 standards. It can be used in older engine designs which meet the Euro3, 2, and 1 standards. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **15W-40**  
QUALITY CLASS API **CG-4/CH-4**  
QUALITY CLASS ACEA **E7/E5**  
PACKING: 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	14,8
Viscosity Index	130
TBN (mg KOH/g)	11,0
Pour Point °C	-24
Flash Point °C	210

## VENOL TRUCK CF-4 15W-40

## VENOL TRUCK CF-4 20W-50

High quality new generation multigrade mineral oil new generation, designed for diesel engines with and without turbocharging. The relevant production technology and functional additives provides ideal lubrication, cleanliness and maximum engine protection under all conditions. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **15W-40** **20W-50**  
QUALITY CLASS API **CF-4** **CF-4**  
QUALITY CLASS ACEA **B3** **B3**  
PACKING: 5L, 20L, 60L, 208L

Physical characteristics	Typical value	
	15W-40	20W-50
Kinematic Viscosity at 100°C, cSt	14,3	18,0
Viscosity Index	130	130
TBN (mg KOH/g)	8,0	8,0
Pour Point °C	-30	-30
Flash Point °C	210	210

Note: All figures may vary slightly.

# VENOL®

## VENOL DIESEL CD 15W-40

## VENOL TRUCK CE 15W-40

Multi-grade mineral oil designed for diesel engines with and without turbochargers to exceptional engine stress. Formulated for engines powered by fuel with higher sulfur content (characteristic of low and medium quality fuel). Recommended for engines in passenger cars, trucks and buses. The latest manufacturing technology ensures compliance with requirements of modern motor engine producers. Ready to be mixed with other branded motor oils of this kind.



Multi-grade mineral oil designed for diesel engines with and without turbochargers. Designed especially for engines in passenger cars, commercial vehicles and trucks exposed to high engine stress in stop/start urban driving conditions. The latest manufacturing technology and a special additive system provide optimum lubricating properties, engine cleanliness and maximum wear protection. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **15W-40**  
 QUALITY CLASS API **CD**  
 QUALITY CLASS ACEA **B2/E1**  
 PACKING: 1L, 5L, 20L, 60L, 208L

VISCOSITY GRADE SAE **15W-40**  
 QUALITY CLASS API **CE**  
 QUALITY CLASS ACEA **B3/E2**  
 PACKING: 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	14,5
Viscosity Index	130
TBN (mg KOH/g)	8,0
Pour Point °C	-24
Flash Point °C	210

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	14,5
Viscosity Index	130
TBN (mg KOH/g)	8,0
Pour Point °C	-24
Flash Point °C	210

Note: All figures may vary slightly.

## VENOL HD 40

## VENOL HD 50

Seasonal motor oil for use in diesel engines with and without turbocharging. Designed for trucks, vans, buses, and other land and sea vehicles, where are high properties of cleaning and neutralizing required. Oil for engines and applications where it is acceptable to use oil API CD or lower grade, and proper viscosity grade. Ready to be mixed with other branded motor oils of this kind.



Seasonal motor oil for use in diesel engines with and without turbocharging. Designed for trucks, vans, buses, and other land and sea vehicles, where are high properties of cleaning and neutralizing required. Oil for engines and applications where it is acceptable to use oil API CD or lower grade, and proper viscosity grade. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **40**  
 QUALITY CLASS API **SF/CD**  
 QUALITY CLASS ACEA **-**  
 PACKING: 5L, 20L, 60L, 208L

VISCOSITY GRADE SAE **50**  
 QUALITY CLASS API **SF/CD**  
 QUALITY CLASS ACEA **-**  
 PACKING: 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	15
Viscosity Index	95
TBN (mg KOH/g)	8,0
Pour Point °C	-15
Flash Point °C	200

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	17,3
Viscosity Index	120
TBN (mg KOH/g)	8,0
Pour Point °C	-15
Flash Point °C	200

Note: All figures may vary slightly.

# VENOL®

## VENOL DIESEL ECONOMIC CC 20W-50

Mineral oil for whole year, designed for high-pressure engines with or without turbocharging, which are extensively exploited. Recommended for passenger cars, trucks and buses with high mileage. The most advanced production technology and accordingly selected viscosity additives reduce fuel and oil consumption. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **20W-50**  
 QUALITY CLASS API **CC**  
 QUALITY CLASS ACEA -  
 PACKING: 1L, 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	18,0
Viscosity Index	130
TBN (mg KOH/g)	6,5
Pour Point °C	-24
Flash Point °C	210

Note: All figures may vary slightly.

## VENOL TRAKTOR STOU CF-4/GL-4/HLP 10W-30

According to Venol's opinion meets the requirements of:  
 Ford ESN-M2C159-B, John Deere J27, Massey Ferguson CMS M1145/1144, ZF TE-ML 06B/07B, MB 227.1/228.1/228.3, New Holland 82009201/2/3, New Holland MAT 3525/3526

Semisynthetic STOU 10W-30 type oil for use mainly in agricultural machinery. Designed for lubricating engines, gears, clutches and for use in wet brakes and hydraulic systems. Ready to be mixed with other branded oils of this kind.



VISCOSITY GRADE SAE **10W-30**  
 QUALITY CLASS API **CF-4/GL-4/HLP**  
 QUALITY CLASS ACEA -  
 PACKING: 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	10,5
Viscosity Index	135
Pour Point °C	-30
Flash Point °C	210

## VENOL TRAKTOR STOU CF-4/GL-4/HLP 10W-40

According to Venol's opinion meets the requirements of:  
 Ford ESN-M2C159-B, John Deere J27, Massey Ferguson CMS M1145/1144, ZF TE-ML 06B/07B, MB 227.1/228.1/228.3, New Holland 82009201/2/3, New Holland MAT 3525/3526

Semisynthetic STOU 10W-40 type oil for use mainly in agricultural machinery. Designed for lubricating engines, gears, clutches and for use in wet brakes and hydraulic systems. Ready to be mixed with other branded oils of this kind.



VISCOSITY GRADE SAE **10W-40**  
 QUALITY CLASS API **CF-4/GL-4/HLP**  
 QUALITY CLASS ACEA -  
 PACKING: 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	13,5
Viscosity Index	140
Pour Point °C	-35
Flash Point °C	210

Note: All figures may vary slightly.

## VENOL TRAKTOR U HLP/CLP/GL-4

According to Venol's opinion meets the requirements of:  
 CNH MAT 3525 (MS 1209), FORD M2C 134D, John Deere J20C, MF CMS M1135, M1143, M1145, Allison C-4, Caterpillar TO-2, ZF TE-ML 03E, 05F

Universal hydraulic and gear oil, enriched with a composition of performance-enhancing additives with lubricating, antioxidant, anti-corrosive, anti-foaming and anti-grinding properties. Designed for use in gear and hydraulic systems, as a lubricant in the powertrain system (also with wet brakes) and as a working fluid in hydraulic systems of farm tractors and agricultural machinery. Ready to be mixed with other branded oils of this kind.



VISCOSITY GRADE SAE **10W-30**  
 QUALITY CLASS API **HLP/CLP/GL-4**  
 QUALITY CLASS ACEA -  
 PACKING: 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	10,7
Viscosity Index	110
Pour Point °C	-24
Flash Point °C	210

# VENOL®

## VENOL SÄGEÖL

Mineral oil for lubrication of saws and chain of manual saws. The use of anti-adhesion additives and anti-wear additives ensures high durability and reduces the wear of components. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **68**  
 QUALITY CLASS API **-**  
 QUALITY CLASS ACEA **-**  
 PACKING: 1L, 4L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 40°C, cSt	68
Viscosity Index	95
Pour Point °C	-24
Flash Point °C	190

## VENOL GARTEN SG/CE 30

Mineral engine oil for use in four-stroke engines of garden machinery, such as lawn mowers, lawn trimmers, cutting machines. Ideal for engines that work in cultivators, micro tractors, floor mills, plows and other auxiliary equipment. Ready to be mixed with other branded motor oils of this kind.



VISCOSITY GRADE SAE **30**  
 QUALITY CLASS API **SG/CE**  
 QUALITY CLASS ACEA **-**  
 PACKING: 0,6L, 1L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	11,0
Viscosity Index	95
TBN (mg KOH/g)	6,5
Pour Point °C	-15
Flash Point °C	200

Note: All figures may vary slightly.

## VENOL GARTEN 2T

High quality semisynthetic engine oil for use in two-stroke engines with premix lubrication system. Recommended for internal combustion engines in lawn mowers, trimmers, brush cutters and chainsaws. Thanks to the use of a dissolvent, the oil can be applied directly into the fuel tank. Ready to be mixed with other branded oils of this kind. 100 ml is sufficient for 5L of fuel.



VISCOSITY GRADE SAE **-**  
 QUALITY CLASS API **TC**  
 QUALITY CLASS ACEA **-**  
 PACKING: 100ml

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	10,0
Pour Point °C	-30
Flash Point °C	80

## VENOL VENLUB 26

Venlub 26 is based on mineral oil and a special composition of viscosity, lubricating, anti-foaming, anti-corrosive and antioxidant additives. Recommended for hydraulic mechanisms operating in severe conditions, power steering systems, hydro-mechanical and mechanical transmissions. Ready to be mixed with other oils of this kind.



VISCOSITY GRADE SAE **-**  
 QUALITY CLASS API **-**  
 QUALITY CLASS ACEA **-**  
 PACKING: 1L, 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 40°C, cSt	40,0
Viscosity Index	140
Pour Point °C	-30
Flash Point °C	210

Note: All figures may vary slightly.

# VENOL®

## VENOL ATF II

According to Venol's opinion meets the requirements of: DEXRON II, VOITH 55.6335, CAT TO-2, ZF TE ML 09, 11A

High quality hydraulic and gear oil formulated for automatic transmissions, hydraulic power steering systems and other hydraulic mechanisms in passenger cars and commercial vehicles, when using DEXRON II class oil is recommended by the manufacturer. Ready to be mixed with other branded gear oils of this kind.



VISCOSITY GRADE SAE -  
 QUALITY CLASS API -  
 QUALITY CLASS ACEA -  
 PACKING: 1L, 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	7,0
Viscosity Index	140
Pour Point °C	-40
Flash Point °C	180

## VENOL ATF III

According to Venol's opinion meets the requirements of: DEXRON III, VOITH 55.6335, ALLISON C-4, Mercedes-Benz 236.1, MAN 339

High quality hydraulic and gear oil formulated for automatic transmissions, hydraulic power steering systems and other hydraulic mechanisms in passenger cars and commercial vehicles, when using DEXRON III/Mercon class oil is recommended by the manufacturer. Ready to be mixed with other branded gear oils of this kind.



VISCOSITY GRADE SAE -  
 QUALITY CLASS API -  
 QUALITY CLASS ACEA -  
 PACKING: 1L, 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	7,0
Viscosity Index	170
Pour Point °C	-45
Flash Point °C	200

Note: All figures may vary slightly.

## VENOL ATF IV

The oil for the automatic ATF IV transmission gears has been designed to meet the requirements of new automatic transmission gears that are used in new models of cars. Modern technology combined with the system of specially composed additives provides longer life compared to other DEXRON-III ATF type oils. In addition, the oil reduces wear in low temperatures, provides longer life of individual parts and transmission gears themselves. Using the oil allows for a more optimal operation of transmission gears which reduces fuel consumption. Ready to be mixed with other brands gear oils of this kind.



VISCOSITY GRADE SAE -  
 QUALITY CLASS API -  
 QUALITY CLASS ACEA -  
 PACKING: 1L, 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	7,0
Viscosity Index	150
Pour Point °C	-40
Flash Point °C	220

## VENOL ATF VI

According to Venol's opinion meets the requirements of: DEXRON VI G, ZF TE-ML 03D, 04D, 14A, 17C, Voith H55.6335xx (G 607), Ford Mercon®, Allison C-4, Mercedes Benz 236.9

The ATF DEXRON VI is a high quality oil which meets the stringent DEXRON VI requirements. With an optimal combination of carefully selected base stocks and the most modern functional additives, it provides full protection of the co-operating parts. It provides longer life of the parts, better oxidization and thermal stability, and an excellent resistance to sludge formation. Ready to be mixed with other branded gear oils of this kind.



VISCOSITY GRADE SAE -  
 QUALITY CLASS API -  
 QUALITY CLASS ACEA -  
 PACKING: 1L, 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	7,0
Viscosity Index	155
Pour Point °C	-40
Flash Point °C	220

Note: All figures may vary slightly.

# VENOL®

## VENOL ATF CVT TRANSMISSION

According to Venol's opinion meets the requirements of:  
Audi/VW TL 52180/G 052 180, Mercon C, Ford CVT 23/CVT 30, Honda HMMF, Toyota TC

Gear oil formulated for the latest generation of automatic transmission CVT (Continuously Variable Transmission). The combination of optimally selected synthetic base oils and additives provides the most excellent properties of the oil at low temperatures. CVT provides exceptional protection even in the toughest conditions and meets the most demanding requirements of CVT - gearboxes. Although oil Venol CVT is ATF oil, it is not recommended to use it in place of other oils ATF. It is unacceptable to use in CVT transmissions other oils for automatic transmissions than only for CVT boxes. Ready to be mixed with other branded oils of this kind.



VISCOSITY GRADE SAE **32**  
QUALITY CLASS API **-**  
QUALITY CLASS ACEA **-**  
PACKING: 1L, 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 40°C, cSt	31
Viscosity Index	172
Pour Point °C	-48
Flash Point °C	225

## VENOL GEAR SEMISYNTHETIC GL-4 75W-90

According to Venol's opinion meets the requirements of:  
MIL-L-2105

High quality semisynthetic gear oil for heavily and medium-loaded transmissions, back axles, as well as gears in passenger cars, commercial vehicles, trucks, buses and other modes of transport operating in severe conditions, when using oil of similar quality class is recommended by the manufacturer. Guarantees excellent performance under all driving conditions. Ready to be mixed with other branded gear oils of this kind.



VISCOSITY GRADE SAE **75W-90**  
QUALITY CLASS API **GL-4**  
QUALITY CLASS ACEA **-**  
PACKING: 1L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	14,5
Viscosity Index	120
Pour Point °C	-30
Flash Point °C	200
TAN, mg KOH/g	0,2

Note: All figures may vary slightly.

## VENOL GEAR GL-4 80W-90

According to Venol's opinion meets the requirements of:  
MIL-L-2105

Mineral gear oil for heavily and medium-loaded transmissions, back axles, as well as gears in passenger cars, commercial vehicles, trucks, buses and other modes of transport, when using GL-4 class oil is recommended by the manufacturer. Ready to be mixed with other branded gear oils.



VISCOSITY GRADE SAE **80W-90**  
QUALITY CLASS API **GL-4**  
QUALITY CLASS ACEA **-**  
PACKING: 1L, 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	14,3
Viscosity Index	95
Pour Point °C	-27
Flash Point °C	200
TAN, mg KOH/g	0,2

## VENOL GEAR GL-4 85W-90

According to Venol's opinion meets the requirements of:  
MAN 342 Type M1, Mercedes Benz 235.0, MIL-L-2105D, Voith 3.325-339, Volvo 97310, DAF

Mineral oil for vehicle transmission gears that provides excellent lubricating and anti-rust properties, high oxidation resistance and high load carrying capacity. Thanks to the AW and EP additives, the GL-4 85W-90 oil provides very good anti-wear and antifricition properties. The oil is used to lubricate rear axles and transmission gears of the vehicles working under severe conditions, namely at: high speed and low torque and low speed and high torque. Ready to be mixed with other branded gear oils.



VISCOSITY GRADE SAE **85W-90**  
QUALITY CLASS API **GL-4**  
QUALITY CLASS ACEA **-**  
PACKING: 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	14,5
Viscosity Index	95
Pour Point °C	-27
Flash Point °C	200
TAN, mg KOH/g	0,2

Note: All figures may vary slightly.

# VENOL®

## VENOL GEAR GL-4 85W-140

According to Venol's opinion meets the requirements of:  
HARVESTER HMS B22-003

Mineral gear oil for heavily loaded transmissions, rear axles, as well as gears in passenger cars, commercial vehicles, trucks, buses and other modes of transport, when using GL-4 class oil is recommended by the manufacturer. Ready to be mixed with other branded gear oils of this kind.



VISCOSITY GRADE SAE **85W-140**  
QUALITY CLASS API **GL-4**  
QUALITY CLASS ACEA -  
PACKING: 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	25
Viscosity Index	90
Pour Point °C	-18
Flash Point °C	205
TAN, mg KOH/g	0,2

## VENOL GEAR SEMISYNTHETIC GL-5 75W-90

According to Venol's opinion meets the requirements of:  
MIL-L-2105

High quality semisynthetic gear oil for heavily and medium-loaded transmissions, rear axles, as well as gears in passenger cars, commercial vehicles, trucks, buses and other modes of transport operating in severe conditions, when using oil of similar quality class is recommended by the manufacturer. Guarantees excellent performance under all driving conditions. Ready to be mixed with other branded gear oils of this kind.



VISCOSITY GRADE SAE **75W-90**  
QUALITY CLASS API **GL-5**  
QUALITY CLASS ACEA -  
PACKING: 1L, 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	15
Viscosity Index	120
Pour Point °C	-30
Flash Point °C	200
TAN, mg KOH/g	0,2

Note: All figures may vary slightly.

## VENOL GEAR GL-5 80W-90

According to Venol's opinion meets the requirements of:  
MIL-L-2105

High quality mineral gear, chlorine free oil for vehicle transmission gears. Used to lubricate rear axles and transmission gears of the passenger cars, light commercial vehicles, trucks and buses working under severe conditions, in which the manufacturer recommends the use of GL-5. Ready to be mixed with other branded gear oils of this kind.



VISCOSITY GRADE SAE **80W-90**  
QUALITY CLASS API **GL-5**  
QUALITY CLASS ACEA -  
PACKING: 1L, 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	15
Viscosity Index	95
Pour Point °C	-27
Flash Point °C	200
TAN, mg KOH/g	0,2

## VENOL GEAR GL-5 85W-90

According to Venol's opinion meets the requirements of: MAN 342 Type M1, Mercedes Benz 235.0, MIL-L-2105D, RENAULT, DAF, Voith 3.325-339, Volvo 97310, Volvo 97316, ZF TE-ML 05A, 07A, 16B, 16C, 16D, 17B, 19B, 21A

Mineral oil for vehicle transmission gears that provides excellent lubricating and anti-rust properties, high oxidation resistance and high load carrying capacity. Thanks to the AW and EP additives, the GL-5 85W-90 oil provides very good anti-wear and antifricition properties. The oil is used to lubricate rear axles and transmission gears of the vehicles working under severe conditions, namely at: high speed and low torque and low speed and high torque. Ready to be mixed with other branded gear oils of this kind.



VISCOSITY GRADE SAE **85W-90**  
QUALITY CLASS API **GL-5**  
QUALITY CLASS ACEA -  
PACKING: 5L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	16
Viscosity Index	95
Pour Point °C	-27
Flash Point °C	200
TAN, mg KOH/g	0,2

Note: All figures may vary slightly.

# VENOL®

## VENOL GEAR GL-5 85W-140

According to Venol's opinion meets the requirements of:  
MIL-L-2105, HARVESTER HMS B22-003

High quality mineral gear oil designed for use in heavily loaded transmissions gears, rear axles and other transmission gears of trucks and tractors. Used to lubricate hypoid gears and other gears operating in extremely hard conditions, in which the manufacturer recommends the use of a similar grade of oil. Ready to be mixed with other branded gear oils of this kind.



VISCOSITY GRADE SAE **85W-140**  
QUALITY CLASS API **GL-5**  
QUALITY CLASS ACEA -  
PACKING: 1L, 4L, 20L, 60L, 208L

Physical characteristics	Typical value
Kinematic Viscosity at 100°C, cSt	26
Viscosity Index	90
Pour Point °C	-18
Flash Point °C	205
TAN, mg KOH/g	0,2

Note: All figures may vary slightly.

## VENOL RSX SP INDUSTRIAL OILS VENOL RSX CLP INDUSTRIAL OILS

Universal oils for industrial gears in machines and appliances operating under extreme conditions, where oil with enhanced load carrying capacity, exceptional oxidation and corrosion resistance and high deemulsifying properties is required. RSX SP and RSX CLP oils contain EP-type sulfur-phosphorus additives. Ready to be mixed with other branded oils of this kind.



RSX SP						
Physical characteristics	Typical value					
Viscosity grade: SAE	68	100	150	220	320	460
Kinematic Viscosity at 40°C, cSt	61-75	90-110	135-165	205-235	310-335	445-480
Viscosity index	90	90	90	90	90	90
Pour Point °C	-12	-12	-12	-12	-12	-12
Flash Point °C	210	210	210	220	230	240
RSX CLP						
Viscosity grade: SAE	68	100	150	220	320	460
Kinematic Viscosity at 40°C, cSt	61-75	90-110	135-165	198-242	288-352	445-480
Viscosity Index	90	90	90	95	90	90
Pour Point °C	-12	-12	-12	-12	-12	-12
Flash Point °C	210	210	210	220	250	240
PACKING: 20L, 60L, 208L						

## VENOL TU TURBINE OILS\*

High quality turbine oils formulated for lubricating steam and water turbines. Can also be used as hydraulic fluids in turbine regulating systems. Provide very good anti-corrosive and antioxidant properties, as well as excellent deemulsifying and air-release characteristics. Ready to be mixed with other branded oils of this kind.



Physical characteristics	Typical value		
Viscosity grade: SAE	32	46	68
Kinematic Viscosity at 40°C, cSt	26-36	41-51	61-75
Viscosity Index	90	90	90
Pour Point °C	-20	-12	-12
Flash Point °C	190	210	210
PACKING: 20L, 60L, 208L, 850kg			
*Available within min. 14-21 days. Minimum order 2000kg – 2300L.			

## VENOL MOLDING OILS

Oils manufactured using deep-refined mineral oils, enriched with a set of appropriately selected additives that contain active ingredients protecting surfaces from corrosion. Oils are used to form coating in the manufacture of concrete. Molding oils are used to lubricate molds as a release agent in the production of aerated concrete or can be used for other purposes by prior arrangement with a customer. They are produced in different viscosity classes, depending on steel or other mold coating applications. The scattering spectrum of oil viscosity is due to spraying systems, nozzle diameters and oil spray jet ranges used by customers. The oil is used to separate manufactured concrete products in order to prevent steel or other molds sticking to the surface and corroding. An additive package and specially selected ingredients contained in the oil ensure the prevention of underlying masses adhering to molds. The active functions of the oil make it easy to separate a mold from a product, providing permanent protection against surface deformations. After applying molding oils, concrete products need minimum cleaning. Ready to be mixed with other branded oils of this kind.



Physical characteristics	Typical value				
Viscosity grade: SAE	XS	S	M	L	XL
Kinematic Viscosity at 40°C, cSt	7-10	22	39,5	85,5	132,5
Flash Point °C	70	190	200	220	240
PACKING: 20L, 60L, 208L					

Note: All figures may vary slightly.

[www.venol.de](http://www.venol.de)

# VENOL®

## VENOL AXIAL L OILS\* VENOL AXIAL U OILS\* ISO VG 68; 100, ISO L-AN; L-FC

Axial oil obtained from carefully selected refined mineral oils. Depending on kinematic viscosity and freezing point, two types of axial oils are produced: L and U. Axial oils are used primarily for the lubrication of bearings of steam locomotives, trains and trams. Ready to be mixed with other branded oils of this kind.



## VENOL HEATING OIL ISO VG 32

Heating oil is produced on the basis of severely treated naphthenic [mineral] oils, enriched with a set of appropriately selected additives. Heating oil is used as a heat carrier recommended for closed non-pressure heating systems with circulation of oil in the liquid phase at maximum volume temperatures up to 320°C and maximum layer temperatures up to 340°C. Ready to be mixed with other branded oils of this kind.



Physical characteristics	Typical value	
	AXIAL L	AXIAL U
Kinematic Viscosity at 40°C, cSt	95	70
Pour Point °C	0	-30
Flash Point °C	250	250
PACKING: 20L, 60L, 208L		
*Available within min. 14-21 days. Minimum order 2000kg – 2300L.		

Physical characteristics	Typical value
Kinematic Viscosity at 40°C, cSt	32
Pour Point °C	-35
Flash Point °C	220
Water content	<0,03
PACKING: 20L, 60L, 208L	

Note: All figures may vary slightly.

## VENOL L-HL HYDRAULIC OILS ISO VG 32

Mineral hydraulic oil with a composition of antiwear, antioxidant, anti-corrosive and demulsifying additives. Formulated for use in medium-duty fluid drive and hydraulic control systems. Can be used in medium-loaded gears and circular systems. Ready to be mixed with other branded oils of this kind.



## VENOL L-HV HYDRAULIC OILS

Hydraulic oils with high viscosity indices for control and hydraulic systems operating in variable temperatures. Can be used in high pressure piston and vane pumps. L-HV oils have exceptional antiwear, anti-corrosive and antioxidant properties. Characterized by very high resistance to shear. Ready to be mixed with other branded oils of this kind.



Physical characteristics	Typical value				
Viscosity grade: SAE	32	46	68	100	150
Kinematic Viscosity at 40°C, cSt	28,5-35	41-51	61-75	90-110	135-165
Viscosity Index	95	95	95	90	90
Pour Point °C	-27	-24	-24	-18	-12
Flash Point °C	190	190	190	210	210
PACKING: 20L, 60L, 208L					

Physical characteristics	Typical value				
Viscosity grade: SAE	32	46	68	100	150
Kinematic Viscosity at 40°C, cSt	28,5-35	41-51	61-75	90-110	135-165
Viscosity Index	150	140	130	120	120
Pour Point °C	-30	-27	-24	-21	-24
Flash Point °C	190	190	190	200	210
PACKING: 20L, 60L, 208L					

Note: All figures may vary slightly.

# VENOL®

## VENOL L-HM HYDRAULIC OILS VENOL L-HLP HYDRAULIC OILS

Hydraulic oils with enhanced antiwear properties. Formulated for use in hydraulic power transmission systems and control systems. Thanks to zinc-containing additives, L-HLP and L-HM oils have excellent antiwear properties, as well as anti-corrosive, antioxidant, anti-foaming and demulsifying characteristics. Oils characterized by outstanding filterability. Ready to be mixed with other branded oils of this kind.



Physical characteristics	Typical value					
<b>L-HM/L-HLP</b>						
Viscosity grade: SAE	32	46	68	100	150	
Kinematic Viscosity at 40°C, cSt	28,5-35	41-51	61-75	90-110	135-165	
<b>L-HM</b>						
Viscosity Index	100	100	100	100	90	
Pour Point °C	-30	-27	-24	-24	-12	
Flash Point °C	190	190	190	190	210	
<b>L-HLP</b>						
Viscosity Index	105	100	100	95	90	
Pour Point °C	-34	-33	-30	-25	-12	
Flash Point °C	190	190	190	210	210	
PACKING: 20L, 60L, 208L, 850kg						

## VENOL HM ZINC FREE HYDRAULIC OILS VENOL HLP ZINC FREE HYDRAULIC OILS

Hydraulic oils produced in combination of highly refined mineral oils and zinc free package of ennobling additives. Oils are designed for all kinds of hydraulic machinery and equipment operating in normal and difficult operating conditions, especially in a continuous system, and where there is a risk of contamination of the water. Ready to be mixed with other branded oils of this kind.



Physical characteristics	Typical value					
Viscosity grade: SAE	22	32	46	68	100	150
Kinematic Viscosity at 40°C, cSt	22,0	32,0	46,0	68,0	100	150
<b>HM ZINC FREE</b>						
Viscosity Index	100	100	100	100	100	90
Pour Point °C	-30	-30	-27	-24	-24	-12
Flash Point °C	190	190	190	190	190	210
<b>HLP ZINC FREE</b>						
Viscosity Index	105	105	100	100	95	90
Pour Point °C	-34	-34	-33	-30	-25	-12
Flash Point °C	190	190	190	190	210	210
PACKING: 20L, 60L, 208L, 850kg						

Note: All figures may vary slightly.

## VENOL HV ZINC FREE HYDRAULIC OILS

Hydraulic oils produced in combination of highly refined mineral oils and zinc free package of ennobling additives. Oils are designed for all kinds of hydraulic machinery and equipment operating in normal and difficult operating conditions, especially in a continuous system, and where there is a risk of contamination of the water. Ready to be mixed with other branded oils of this kind.



Physical characteristics	Typical value					
Viscosity grade: SAE	22	32	46	68	100	150
Kinematic Viscosity at 40°C, cSt	22,0	32,0	46,0	68,0	100	150
Viscosity Index	150	150	140	130	120	120
Pour Point °C	-30	-30	-27	-24	-21	-24
Flash Point °C	190	190	190	190	200	210
PACKING: 20L, 60L, 208L, 850kg						

## VENOL HL ZINC FREE HYDRAULIC OILS

Hydraulic oils produced in combination of highly refined mineral oils and zinc free package of ennobling additives. Oils are designed for all kinds of hydraulic machinery and equipment operating in normal and difficult operating conditions, especially in a continuous system, and where there is a risk of contamination of the water. Ready to be mixed with other branded oils of this kind.



Physical characteristics	Typical value					
Viscosity grade: SAE	22	32	46	68	100	150
Kinematic Viscosity at 40°C, cSt	22,0	32,0	46,0	68,0	100	150
Viscosity Index	95	95	95	95	90	90
Pour Point °C	-27	-27	-24	-24	-18	-12
Flash Point °C	190	190	190	190	210	210
PACKING: 20L, 60L, 208L, 850kg						

Note: All figures may vary slightly.

# VENOL®

## VENOL MARINE\*

High quality marine oils for circulatory lubrication of low-speed crosshead engines. Especially recommended for marine engines. Ready to be mixed with other branded oils of this kind.



Physical characteristics	Typical value								
Viscosity grade: SAE	30	40	50	30	40	30	40		
Quality class: API	CB	CB	CB	CC	CC	CD	CD		
Kinematic Viscosity at 100°C, cSt	10,5-13	13,5-16,3	17-21	10,5-13	13,5-16,3	10,5-13	13,5-16,3		
Viscosity Index	90	90	90	90	90	90	90		
TBN, mg KOH/g	3	3	3	6	6	11	11		
Pour Point °C	-20	-20	-20	-20	-20	-20	-20		
Flash Point °C	200	210	220	200	210	200	210		
PACKING: 20L, 60L, 208L, 850kg									
*Available within min. 14-21 days. Minimum order 2000kg – 2300L.									

Note: All figures may vary slightly.

## VENOL L-DAB COMPRESSOR OILS

L DAB compressor oils are formulated for drop lubrication of reciprocating and rotary air compressors operating under moderate conditions. Provide excellent oxidation resistance, outstanding anti-corrosive and deemulsifying properties. Ready to be mixed with other branded oils of this kind.



Physical characteristics	Typical value				
Viscosity grade: SAE	32	46	68	100	150
Kinematic Viscosity at 40°C, cSt	26-36	41-51	61-75	90-110	135-165
Viscosity Index	90	90	90	90	90
Pour Point °C	-24	-16	-14	-14	-12
Flash Point °C	190	210	210	230	210
PACKING: 20L, 60L, 208L, 850kg					

## VENOL HARDENING OILS

Hardening oils are produced from deeply refined mineral oils enriched with a composition of appropriately selected additives increasing the cooling rate, preventing the formation of varnish and sludge on the surface of hardened parts.

The oils provide:

- good thermal treatment of iron and steel elements
- hardened surface of high purity elements.

The oils are designed for:

- heat treatment of iron and steel elements, especially in closed hardening furnaces with controlled atmosphere, requiring high purity of the surface of hardened components
- heat treatment of iron and steel components, allowing for small geometric deformations at the required and adequate cooling rate. Ready to be mixed with other branded oils of this kind.



Physical characteristics	Typical Value		
Viscosity grade: SAE	70	120	170
Kinematic Viscosity at 40°C, cSt	21	42	215
TAN, mg KOH/g	0,07	0,04	0,01
Pour Point °C	-21	-20	-24
Flash Point COC °C	200	210	220
Cooling rate °C/s	>90	>85	>85
PACKING: 20L, 60L, 208L, 850kg			

## VENOL L-AN MACHINE OILS

High quality mineral oils for lubricating lightly loaded machine parts (bearings, leads, spindles, gears etc.). Ready to be mixed with other branded oils of this kind.



Physical characteristics	Typical value				
Viscosity grade: SAE	32	46	68	100	150
Kinematic Viscosity at 40°C, cSt	28,5-35	41-51	61-75	90-110	135-165
Viscosity Index	95	95	95	95	90
Pour Point °C	-20	-18	-12	-10	-8
Flash Point °C	190	190	190	210	210
PACKING: 20L, 60L, 208L, 850kg					

Note: All figures may vary slightly.

# VENOL®

## VENOL STP CHASSIS GREASE

Calcium saponified grease STP designed for regular lubrication of chassis, piston pins, interconnections.

Features:

- working temperature: from -10°C to +60°C
- waterproof.

Not suitable for lubrication of the rolling bearings.



Physical characteristics	Typical value
NLGI class	1
Worked penetration at 25°C, 1/10 mm	300-350
Content of free organic acids	free
Appearance	homogeneous smooth-textured, yellow-brown colour
Concentrator	calcium soap
Drop point °C	>80
Contents of the free alkali, NaOH %	<0,2
Steel Strip corrosion (3h/100°C)	withstands
Abrasive substance content	free
Water content %	<2,5
PACKING: 0,4kg, 4,5kg, 10kg, 18kg, 180kg	

## VENOL EPX 0 GREASE VENOL EPX 00 GREASE VENOL EPX 000 GREASE

Semi-fluid gear greases are used for lubrication of closed virtual cylindrical and bevel pairs, to lubrication of cone bearings and rolling bearings, working in normal conditions from 30°C to 100°C. VENOL EPX greases have a high mechanical stability and are water resistant. Depending on the class of penetration (consistency) distinguishes between three types: VENOL EPX 000 - applicable for well sealed transmission gears and in low temperatures; VENOL EPX 00 - applicable for well sealed transmission gears and in average temperatures; VENOL EPX 0 - applicable for more poorly sealed transmission gears and in highest temperatures.



Physical characteristics	Typical value		
NLGI class	0	00	000
DIN 51502	GP 0 K-30	GP 00 K-30	GP 000 K-40
ISO 6743/9	L-XCCEB0	L-XCCEB00	L-XDCEB000
Worked penetration at 25°C, 1/10 mm	355-385	400-430	445-475
Appearance	homogeneous smooth-textured		
Concentrator	LI soaps	LI soaps	LI soaps
Drop point °C	>170	>160	>150
Copper Strip corrosion (3h/100°C)	withstands	withstands	withstands
Abrasive substance content	free	free	free
Water content %	<0,1	<0,1	<0,1
PACKING: 4,5kg, 10kg, 18kg, 180kg			

Note: All figures may vary slightly.

## VENOL EP-23 GREASE VENOL EP-25 GREASE

Greases VENOL EP 23 and VENOL EP 25 are used for lubrication of rolling and plain bearings and other friction surfaces operating at high, especially impact loads in the temperature range -30°C to 130°C. Greases VENOL EP 23 and EP 25 are recommended especially where there is a frequent change of direction of movement or a combination of low speeds and high loads, including constant velocity joints.

It is not recommended to use lubricants VENOL EP 23 and EP 25, the bearings of reduced radial clearance (C2) and lower than the reduced (C1) for all types of bearings and bearing speed.

Depending on the content of the disulphide of the molybdenum we are dividing EP greases on:

VENOL EP-23 grease up to the 3% of the disulphide of the molybdenum

VENOL EP-25 grease up to the 5% of the disulphide of the molybdenum



Physical characteristics	Typical value	
NLGI class	EP-23	EP-25
DIN 51502	KPF 2 N-30	KPF 2 N-30
ISO 6743/9	L-XCDEB2	L-XCDEB2
Worked penetration at 25°C, 1/10 mm	260-300	
Appearance	homogeneous smooth-textured	
Concentrator	LI soap	
Drop point °C	>190	
Copper Strip corrosion (24h/100°C)	<2	
Isolating oil at 100°C/24h	<5	
Viscosity base oil at 40°C (cst)	ok. 110	
PACKING: 4,5kg, 10kg, 18kg, 180kg		

## VENOL LT 4-EP1 GREASE VENOL LT 4-EP2 GREASE VENOL LT 4-EP3 GREASE

VENOL LT-4 EP greases are designed for lubrication of roller bearings working at high loads, i.e. when the ratio of basic dynamic load daN replacement motor load is less than 7 for radially loaded bearings and less than 15 for axially loaded bearings as well as other heavily loaded bearing e.g. in metal rolling mills, heavy construction machinery, presses, stone crushers. VENOL LT-4 EP greases are also applicable when at the work of less burdened bearings stroke burdens are appearing. The scope of operating temperatures of VENOL LT-4 EP greases are taking out -30°C to 130°C, also at the access of water. Border operating temperatures can however be higher or lower, depending on the type of the bearing and required periods of the lubrication.



Physical characteristics	Typical value		
NLGI class	1	2	3
DIN 51502	KP1K-30	KP2K-25	KP3K-25
ISO 6743/9	L-XBCDB 1	L-XBCDB 2	L-XBCDB 3
Worked penetration at 25°C, 1/10 mm	310-340	265-295	220-250
Appearance	homogeneous smooth-textured, green colour		
Concentrator	LI soap 12-hydroksy stearic acid		
Drop point °C	>185	>190	>190
Copper Strip corrosion (3h/100°C)	1a	1a	1a
Viscosity base oil at 40°C (cst)	ok. 110	ok. 110	ok. 110
PACKING: 0,85kg, 4,5kg, 10kg, 18kg, 180kg			

Note: All figures may vary slightly.

# VENOL®

## VENOL LT-4S2 GREASE VENOL LT-4S3 GREASE

VENOL LT-4S greases are formulated for use in car assembly and maintenance as well as plain bearings, slides, binds, etc. Particularly recommended for lubricating rolling element bearings, wheel hubs and other car parts. Working temperature: from -20°C to +130°C. Waterproof.



Physical characteristics	LT 4S2	LT 4S3
NLGI class	2	3
DIN 51502	KP 2 M-30	KP 3 N-20
ISO 6743/9	L-XCCEB 2	L-XCCEB 3
Worked penetration at 25°C, 1/10mm	265-295	220-250
Appearance	homogeneous smooth-textured, green colour	
Concentrator	LI soap	LI soap
Drop point °C	>190	>190
Copper Strip corrosion (24h/100°C)	withstands	withstands
Viscosity base oil at 40°C (cst)	ok. 110	ok. 110
Oil separation (30h/100°C)	<3	<2

PACKING: 0,4kg, 0,85kg, 4,5kg, 10kg, 18kg, 180kg

## VENOL LT-41 GREASE VENOL LT-42 GREASE VENOL LT-43 GREASE

VENOL LT4 greases are designed mostly for lubricating of both plain and rolling element bearings. Can be used in general lubrication systems. Working temperature: from -30°C to +130°C. Waterproof.



Physical characteristics	LT 41	LT 42	LT 43
NLGI class	1	2	3
DIN 51502	K 1 K-30	K 2 K-30	K 3 K-30
ISO 6743/9	L-XCCEB 1	L-XCCEB 2	L-XCCEB 3
Worked penetration at 25°C, 1/10 mm	310-340	265-295	220-250
Appearance	homogeneous smooth-textured, green colour		
Concentrator	LI soap	LI soap	LI soap
Drop point °C	>185	>190	>190
Copper Strip corrosion (3h/100°C)	withstands	withstands	withstands
Viscosity base oil at 40°C (cst)	ok. 110	ok. 110	ok. 110
Oil separation (24h/100°C)	-	<10	<8
Water content %	<0,1	<0,1	<0,1
Content of solid foreign objects, %	<0,4	<0,4	<0,5

PACKING: 0,4kg, 0,85kg, 4,5kg, 10kg, 18kg, 180kg

Note: All figures may vary slightly.

## VENOL VENGRAFIT SCHMIERSTOFF GREASE

Graphite grease for lubricating screw threads, open gears, leaf springs, worm gears, chains etc. Can also be used as assembly lube. Recommended when supplying grease to the friction couple with wide and short delivery hoses and when better caulking properties are required. Working temperature: from -20°C to +60°C. Waterproof.



Physical characteristics	Typical value
NLGI class	1/2
Worked penetration at 25°C	>250
Appearance	homogeneous smooth-textured, black colour
Concentrator	calcium soap
Drop point °C	>77
Structural stability of separated oil (%)	<5
Copper Strip corrosion (3h/100°C)	withstands
Abrasive substance content	free
Water content %	<3

Packing: 0,4kg, 0,85kg, 4,5kg, 10kg, 18kg, 180kg

Note: All figures may vary slightly.

# VENOL®

## VENOL ANTIFREEZE COOLING LIQUID -35°C

Antifreeze based on ethylene glycol. Provides protection for cooling systems in both winter and summer. Thanks to the modern production formula (additive combination) provides protection for the aluminum radiators, other metal parts, seals and rubber parts. Meets the requirements of the leading car manufacturers



PACKING: 1L, 5L, 20L, 60L, 214kg, 1070kg

## VENOL ANTIFREEZE COOLING LIQUID CONCENTRATE

Antifreeze concentrate based on ethylene glycol. Provides protection for cooling systems in both winter and summer. Thanks to the modern production formula (additive combination) provides protection for the aluminum radiators, other metal parts, seals and rubber parts. Meets the requirements of the leading car manufacturers.



PACKING: 1L, 5L, 20L, 60L, 214kg, 1070kg

## VENOL ANTIFREEZE COOLER FLUID CONCENTRATE G-12+

Concentrated liquid for cooling system made on the base of Havoline XLC concentrate +B which meets the requirements of Volsvagen/Audi/Seat/Skoda: TL 774F-G12+. It provides excellent protection against freezing, corrosion, rust and boiling. This product uses the most modern technology without silicate mainly based on organic acids, so that the product provides long-lasting and maintenance-free protection for all components of the power unit along with elements made of aluminum, ferrous metals and their alloys. Concentration: concentrate 50% +50% water – protection from freezing to -37°C.



PACKING: 1L, 4L, 20L, 60L, 214kg, 1070kg

## VENOL ANTIFREEZE COOLER FLUID G-12+

Ready to use antifreeze Venol Antifreeze G12 + -35 °C, is a liquid based on ethylene glycol and carefully selected additives. It can be mixed with all coolants whose formula is based on ethylene glycol. Thanks to modern liquid additives is suitable for long-term use in cooling systems of LONG LIFE-engines and to all car brands. Antifreeze liquid VENOL G12 + is used for aluminum-, steel- and cooper- radiators. The fluid protects in the summer against overheating and in winter against freezing. Freeze below -35°C. Protects against corrosion of the cooling system. Meets the requirements of ASTM D 3306, ASTM D 2570, VW T1774.



PACKING: 1L, 4L, 20L, 60L, 214kg, 1070kg

## VENOL SUMMER WINDSHIELD WASHER FLUID

Easily removes road grime, grease, insects and other summer contaminants from the windshield. Safe for car paint, chrome and rubber.



PACKING: 1L, 5L, 20L

## VENOL WINTER SUPER WINDSHIELD WASHER FLUID -22°C

Pleasantly scented winter windscreen washer fluid with outstanding cleaning and degreasing properties. Remains efficient at low temperatures. Contains ethanol and monoethylene glycol.



PACKING: 1L, 5L, 20L, 60L, 214kg, 850kg

# VENOL®

## VENOL WINTER WINDSHIELD WASHER FLUID -22°C

Ready to use high-quality windscreen washer fluid with outstanding cleaning and degreasing properties and a pleasant scent. For use at temperatures not lower than -22°C. Contains ethanol and monoethylene glycol.



PACKING: 1L, 4L, 20L

## VENOL WINDSHIELD WASHER FLUID CONCENTRATE -80°C

High quality liquid concentrate for cleaning and washing of windscreen. It has excellent cleaning properties. It removes all kinds of dirt formed on car windows. It has a pleasant scent and doesn't leave any streaks. Maintains effectiveness at ambient temperature -80°C. Requires dilution according to the table.

Concentrate	Water	Temperature °C
2	1	-30
1	1	-22
1	8,5	summer



PACKING: 1L, 4L, 20L

## VENOL REINIGER GLAS SUPER ACTIVE Window cleaner

Window cleaner for homes and vehicles. Suitable also for cleaning glazed tiles, bathroom fittings and aluminum. Easily removes dirt and grease stains, doesn't leave smudges, produces a high gloss finish and fresh scent.



PACKING: 0,75L

## VENOL ENTFROSTER Antifreeze for windshields and locks

Excellent antifreeze for windshields and locks. Quickly and effectively deices the surface. Safe for car paint, chrome and rubber. Quick and easy to use.



PACKING: 0,75L

## VENOL TEER UND ASPHALTENTFERNER For tar and asphalt remover

Professional tar and asphalt remover for cleaning asphalt, tar and resin ed for road maintenance. Works more effectively at higher temperatures and when left on the stains which appear on the vehicle's body. Recommended for cleaning tools and vehicles surface for a longer period of time for better penetration.



PACKING: 0,75L

## VENOL REINIGER COCKPIT

Extremely effective engine cleaning solution. Easily removes all grease and grime from engine parts. Provides outstanding protection against corrosion and all weather conditions.



PACKING: 0,75L

# VENOL®

## VENOL DIESEL FUEL ADDITIVE

Provides easier start up at low temperatures. Removes damp and prevents the fuel system from clogging. Lowers the pour point of the fuel and enhances its properties. Can be mixed with diesel fuel.



PACKING: 180ml

## VENOL GASOLINE ADDITIVE

Gasoline Additive removes fuel system contaminants. Covers the fuel system with an anti-corrosive protective layer, keeps it damp-free and guarantees optimum engine performance. Can be used in all types of fuel systems.



PACKING: 180ml

## VENOL FUEL ANTIFREEZE

Provides easier start up at low temperatures. Removes damp and prevents the fuel system from clogging. Can be mixed with gasoline or diesel fuel.



PACKING: 180ml

## VENOL DOT-3 BRAKE FLUID

High quality brake fluid with boiling point above 205°C. Designed for clutch systems as well as disc and drum brake systems. For use at temperatures between -40°C and +50°C and according to the car manufacturer's instructions. Can be mixed with other DOT-3 type brake fluids. Changing of brake fluid every two years or every 40 000 km



PACKING: 455g, 5L, 20L, 60L, 214kg, 900kg

## VENOL DOT-4 BRAKE FLUID

High quality brake fluid with boiling point above 230°C. Designed for clutch systems as well as disc and drum brake systems. For use at temperatures between -50 °C and +50°C and according to the car manufacturer's instructions. Can be mixed with other DOT-4 type brake fluids. Changing of brake fluid every two years or every 40 000 km



PACKING: 455g, 5L, 20L, 60L, 214kg, 850kg, 900kg

## VENOL DOT-5.1 BRAKE FLUID

High quality brake fluid with boiling point above 260°C. Designed for clutch systems as well as disc and drum brake systems. For use at temperatures between -50°C and +50°C and according to the car manufacturer's instructions. Can be mixed with other DOT-5.1 type brake fluids. Changing of brake fluid every two years or every 40 000 km



PACKING: 455g, 5L, 20L, 60L, 214kg, 850kg, 900kg

## VENOL DEMINERALIZED WATER

Demineralized water for use in car batteries, radiators and cosmetics, as well as irons with water sprays, chemical solutions and water-dilutable paints.



PACKING: 1L, 5L

## VENOL DIESEL FUEL ANTIFREEZE

Provides easier start up at low temperatures. Removes damp and prevents the fuel system from clogging. Lowers the pour point of the fuel and enhances its properties. Can be mixed with diesel fuel.



PACKING: 1L



# VENOL®

NOTE:

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# VENOL®

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www.venol.de



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**VENOL**<sup>®</sup>



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econom y

# A.M.G.

## VENOL<sup>®</sup> MOTOR OIL

### NEW Generation



### FULLY SYNTHETIC



[www.venol.de](http://www.venol.de)



## A.M.G. VENOL FULLY SYNTHETIC FUEL ECONOMY SN 0W-16

Recommended for: ILSAC GF-5

A.M.G. VENOL FULLY SYNTHETIC FUEL ECONOMY SN 0W-16 is the most advanced and fuel-saving oil produced from 100% synthetic PAO base oils and synthetic esters. With modern technologies that guarantee reduced emissions, this oil meets and even surpasses current requirements of engine producers. Its unique compositions of ingredients together with low adhesiveness reduce fuel consumption even by up to 10% without compromising engine protection against contamination and seizing. This oil provides maximum protection level during operation in every working conditions, it also prevents deposit formation and engines maintain their high after-purchase performance. Designed for Japan- and US-made cars for which producers recommend using this particular oil class. Recommended particularly for leading-edge hybrid cars. Ready to be mixed with other branded oils of this kind.

fu el econom y  fully sy nthetic 

SAE: 0W-16 API: SN ACEA: A1

Packing: 1L, 4L, 5L, 20L, 60L, 208L, 850kg



## A.M.G. VENOL FULLY SYNTHETIC LONG LIFE SN/CF 0W-20

Recommended for: ILSAC GF-5

A.M.G. VENOL FULLY SYNTHETIC LONG LIFE SN/CF 0W-20 is the most advanced fuel-efficient oil produced in 100% from synthetic PAO base oils and synthetic esters. The combination of specially selected base with the highest quality additives guarantees an easy starting even at very low temperatures. Using the latest technologies (MIDSAPS), this oil meets or even exceeds the requirements of modern engine manufacturers. By lowering friction and its low viscosity, the oil manages, during operation, to reduce fuel consumption by up to 10%. Oil proves its highest protection of the engine in all operating conditions, reduces the formation of deposits, the engine stays as new. Designed for cars made in Japan and the US, in which the manufacturer recommends using the oil in its class. Especially recommended for most recent hybrid cars. Ready to be mixed with other branded oils of this kind.

LONG LIFE  fully sy nthetic 

SAE: 0W-20 API: SN/CF ACEA: A1/B1

Packing: 1L, 4L, 5L, 20L, 60L, 208L, 850 kg



## A.M.G. VENOL FULLY SYNTHETIC LONG LIFE SN/CF 0W-30

Recommended for: VW 503.00/506.00

A.M.G. VENOL FULLY SYNTHETIC LONG LIFE SN /CF 0W-30 is oil of unique quality, produced of unique quality, produced 100% from synthetic PAO base oils and synthetic esters. Using the latest technologies (MIDSAPS), this oil meets or even exceeds the requirements of modern engine manufacturers. Oil proves its highest protection of the engine in all operating conditions, reduces the formation of deposits, the engine stays as new. The use of the A.M.G. VENOL 0W-30 oil results in the increase of engine power, while reducing fuel consumption up to 10%. Designed for use in gasoline and diesel engines where the manufacturer recommends using the oil complying with the ACEA C3 standard or earlier. The combination of specially selected base with the highest quality additives guarantees an easy starting even at very low temperatures. Ready to be mixed with other branded motor oils of this kind.

LONG LIFE  fully sy nthetic 

SAE: 0W-30 API: SM/CF ACEA: A3/B4

Packing: 1L, 4L, 5L, 20L, 60L, 208L, 850kg



## A.M.G. VENOL FULLY SYNTHETIC LONG LIFE SN/CF 0W-40

Recommended for: MB 229.3, MB 229.5, BMW LONGLIFE-01, VW 502.00, VW 505.00, PORSCHE A40, RENAULT RN 0700, 0710, FORD WSS-M2C 937A

A.M.G. VENOL FULLY SYNTHETIC LONG LIFE SN /CF 0W-40 is oil of unique quality, produced of unique quality, produced 100% from synthetic PAO base oils and synthetic esters. The combination of specially selected base with the highest quality additives guarantees an easy starting even at very low temperatures. Using the latest technologies (MIDSAPS), this oil meets or even exceeds the requirements of modern engine manufacturers. Oil proves its highest protection of the engine in all operating conditions, reduces the formation of deposits, the engine stays as new. The use of the A.M.G. VENOL 0W-40 oil results in the increase of engine power, while reducing fuel consumption up to 10%. Designed for use in gasoline and diesel engines where the manufacturer recommends using the oil complying with the ACEA C3 standard or earlier. Ready to be mixed with other branded motor oils of this kind.

LONG LIFE  fully sy nthetic 

SAE: 0W-40 API: SN/CF ACEA: A3/B4

Packing: 1L, 4L, 5L, 20L, 60L, 208L, 850kg

## A.M.G. VENOL FULLY SYNTHETIC LONG LIFE SN/CF 5W-20

Recommended for: FORD WSS-M2C948- B, FORD WSS-M2C948- C, FORD WSS-M2C925-B

A.M.G. VENOL FULLY SYNTHETIC LONG LIFE SN/CF 5W-20 is a fuel-efficient oil produced of unique quality, produced in 100% from synthetic PAO base oils and synthetic esters. The combination of specially selected base with the highest quality additives guarantees an easy starting even at very low temperatures. Using the latest technologies (MIDSAPS), this oil meets or even exceeds the requirements of modern engine manufacturers. By lowering friction and its low viscosity, the oil manages, during operation, to reduce fuel consumption by up to 7%. Oil proves its extremely effective protection of the engine in all operating conditions, reduces the formation of deposits, the engine stays as new. Designed for cars made in Japan and the US, in which the manufacturer recommends using the oil in its class. Especially recommended for most recent hybrid cars. Ready to be mixed with other branded motor oils of this kind.

LONG LIFE  fully sy nthetic 

SAE: 5W-20 API: SN/CF ACEA: A1/B1

Packing: 1L, 4L, 5L, 20L, 60L, 208L, 850kg

## A.M.G. VENOL FULLY SYNTHETIC LONG LIFE SN/CF 5W-30

Recommended for: MB 229.31/229.51, RENAULT RN 0700/0710, PORSCHE A40, BMW LONG LIFE-04, GM DEXOS 2

A.M.G. VENOL FULLY SYNTHETIC LONG LIFE SN/CF 5W-30 is sophisticated fully synthetic motor oil obtained from the specially selected synthetic PAO base oils using Ester Technology. By using the latest technologies, and the most advanced additive system (MIDSAPS), this oil meets or even exceeds the requirements of modern engine manufacturers. Oil proves its highest protection of the engine in all operating conditions, reduces the formation of deposits, the engine stays as new. It reduces the friction of up to 10%, thus guarantees higher engine power while reducing fuel consumption to 7%. Designed for use in gasoline and diesel engines where the manufacturer recommends using the oil complying with the ACEA C3 standard or earlier. Ready to be mixed with other branded motor oils of this kind.

LONG LIFE  fully sy nthetic 

SAE: 5W-30 API: SN/CF ACEA: C3

Packing: 1L, 4L, 5L, 20L, 60L, 208L, 850 kg

## A.M.G. VENOL FULLY SYNTHETIC LONG LIFE SN/CF 5W-40

Recommended for: MB 229.31, MB 229.51, RENAULT RN 0700/0710, PORSCHE A40, BMW LONGLIFE-04, GM DEXOS 2

A.M.G. VENOL FULLY SYNTHETIC LONG LIFE SN/CF 5W-40 is sophisticated fully synthetic motor oil obtained from the specially selected synthetic PAO base oils using Ester Technology. By using the latest technologies, and the most advanced additive system (MIDSAPS), this oil meets or even exceeds the requirements of modern engine manufacturers. Oil proves its highest protection of the engine in all operating conditions, reduces the formation of deposits, the engine stays as new. It reduces the friction of up to 10%, thus guarantees higher engine power while reducing fuel consumption to 7%. Designed for use in gasoline and diesel engines where the manufacturer recommends using the oil complying with the ACEA C3 standard or earlier. Ready to be mixed with other branded motor oils of this kind.

LONG LIFE  fully sy nthetic 

SAE: 5W-40 API: SN/CF ACEA: C3

Packing: 1L, 4L, 5L, 20L, 60L, 208L, 850 kg

## A.M.G. VENOL 4T SL FULLY SYNTHETIC 5W-40

A.M.G. VENOL 4T SL FULLY SYNTHETIC 5W-40 is the highest quality, fully synthetic engine oil for 4-stroke motorcycle engines, obtained on specially selected PAO oils, using Ester Technology. By using the highest quality base oils and the most advanced additive system, this oil provides excellent protection for both sport and regular engines, while ensuring a significant increase in engine power. It is characterized by its excellent stability, making it suitable for use in a wide range of temperatures. Designed for use in all motorcycles, in which the oil works in the engine, wet clutch and gearbox, and manufacturers require complying with the JASO MA-2 standard. Ready to be mixed with other branded oils of this kind.

fully sy nthetic 

SAE: 5W-40 API: SM/SL ACEA: A3

Packing: 1L, 4L, 5L, 20L, 60L, 208L, 850 kg





## A.M.G. VENOL SPORT FULLY SYNTHETIC SM/CF 10W-50

A.M.G. VENOL FULLY SYNTHETIC SPORT SM CF 10W-50 is a sophisticated, fully synthetic engine oil made with carefully selected synthetic PAO base oils and with the use of Ester Technology. It ensures easy engine start even in low temperatures. With the latest technologies and most advanced performance chemicals, this oil meets and even surpasses modern requirements of engine producers. The oil is marked by a high degree of engine heat protection, which prevents the engine from seizing. It resists deposit formation, and the engine maintains its performance. Seizing is reduced, and engine performance raises by up to 10%. It has been mainly designed for modified serial engines which undergo tuning and for race and rally car engines, both supercharged and naturally-aspirated ones. The oil is an optimal composition of adhesiveness of synthetic base oils, such as PAO and esters, and special additives that guarantee seizure control over the entire engine operating range, and therefore it provides full protection for matching elements. Ready to be mixed with other branded motor oils of this kind.

fully  
synthetic



SAE: 10W-50 API: SM/CF ACEA: A3/B4  
Packing: 1L, 4L, 5L, 20L, 60L, 208L, 850kg



## A.M.G. VENOL GEAR GL-5 LS FULLY SYNTHETIC 75W-140

Recommended for: ILSAC GF-5

VENOL A.M.G. GEAR OIL GL 5 LS 75W/140 Gear oil for modern car transmissions of LS type (limited slip). Fully synthetic gear oil obtained by combination of highly selected synthetic base oils of PAO type and the highest quality additives of EP and EW type as well as the dispersants which secure cleanliness of the engine. It provides fluent work of transmissions even in extremely low temperatures and the toughest conditions. This oil meets or even surpasses the highest requirements of renowned transmission producers since modern technology and well advanced specially composed additives have been used herewith. It is specially recommended for car transmissions of LS type (limited slip). Usage of LS additives secures fluent work and reduces noise. This oil provides excellent lubricating. It increases resistance to sludge formation. Ready to be mixed with other branded transmission oils of this type.

fully  
synthetic



SAE: 0W-16 API: SN ACEA: A1  
Packing: 1L, 4L, 5L, 20L, 60L, 208L, 850kg



## A.M.G. VENOL ATF DCT/DSG

Recommended for: VW G 052 182 A2, VW G 052 529 A2 S-TRONIC, FORD 1490763, FORD 1490761, FORD WSS-M2C936-A, FORD USA XT-11-QDC, FORD WSD-M2C200-D2, CHRYSLER 68044345 EA, VOLVO 1161838, VOLVO 1161839, MITSUBISHI MZ320065, MITSUBISHI DIA-QUEEN SSTF-I, BOT 341, PEUGEOT/CITROEN 9734.S2 for DCSG (PEUGEOT 4007, CITROEN C-CROSSER), FIAT 9.55550-MZ6 for TCT (TWIN CLUTCH TRANSMISSION) in ALFA ROMEO MiTo and GIULIETTA, SAE:32

A.M.G. VENOL ATF DCT/DSG is the highest quality oil, developed in synthetic technology using PAO and the most advanced additive technology. The unique combination of components ensures perfect performance of all double-clutch automatic transmission. It guarantees the highest wear protection in all operating conditions, excellent lubricating properties at low temperatures and stability under extreme loads. It allows the non-slip operation, and thus the minimum torque losses which guarantees low use and long lifetime of the car gearbox. Mainly used in double-clutch automatic transmission of car brands such as Volkswagen, Audi, Mercedes Benz, BMW. Ready to be mixed with other branded oils of this kind.

Packing: 1L, 4L, 5L, 20L, 60L, 208L, 850 kg



## A.M.G. VENOL ATF CVT

Recommended for: AUDI/VW TL 52180/G 052 180, MERCON C, FORD CVT 23/CVT 30, HONDA HMMF, TOYOTA TC, NISSAN NS-1, NS-2, NS-3 MITSUBISHI CVTF-J1 / SP-III, SUBARU NS-2/LINEARTRONIC CVTF, MINI COOPER EZL 799, HYUNDAI GENUINE CVTF, HYUNDAI/KIA SP-III, SUZUKI TC/NS-2/CVT GREEN 1, DODGE/JEEP NS-2/CVTF +4, GM/SATURN DEX-CVT, MB 236.20 (IMPORT) **NOTE: NOT RECOMMENDED FOR THE USE IN HYBRID CV TRANSMISSIONS OF TOYOTA AND FORD!**

A.M.G. VENOL ATF CVT is the highest quality oil, developed in synthetic technology using PAO and the most advanced additive technology. The unique combination of components ensures perfect performance of all automatic continuously variable transmissions. It guarantees the highest wear protection in all operating conditions, excellent lubricating properties at low temperatures and stability in conditions of extreme loads. Ready to be mixed with other branded oils of this kind.

SAE: 5W-30 API: SN/CF ACEA: C3  
Packing: 1L, 4L, 5L, 20L, 60L, 208L, 850 kg