

# MOTOR OIL FOR CAR AND TRUCK



# MOTOR OIL FOR THE INDUSTRIAL AND AGRICULTURE



# AUTOCHEMIE



# ENGINE OIL FOR PASSENGER CARS PETROL DIESEL AND HYBRID



## VENOL SYNTHESIS 0W-16 (RC) API SP

Engine oil with low viscosity, destined for gasoline engines. It was developed mainly for hybrid cars and cars with smaller capacity engines. It prevents the fuel pre-ignition effect (LSPI). It has excellent viscosity stability under all conditions and works perfectly with modern exhaust emission control systems.



## VENOL SYNTHESIS PREMIUM PLUS SN CF 5W30 C2

All season, modern engine oil recommended for passenger cars and light trucks equipped with petrol and Diesel engines with or without turbo. Recommended for use in engines equipped with DPF- diesel particulate filter, TWC- three-way catalyst. And it is a guarantee of reliable engine operation during summer and winter, in the stop and go cycle, and when driving at a highway. It helps to reduce emission of compounds that are harmful to the environment. Recommended for vehicles that meet Euro 6 standards.



## VENOL SYNTHESIS 0W20 SP (RC) C5 GF-6A API SP

Mid-SAPS engine oil designed for passenger car engines and light commercial vehicles, modern gasoline engines equipped with catalytic converters and turbocharged diesel engines with DPF, TWC system. It can be used in hybrid cars and cars equipped with smaller capacity engines. The oil maintains the ideal engine cleanliness and saves fuel. It contributes to reducing emissions of harmful compounds into the environment. Recommended for Euro 6 compliant vehicles.



## VENOL SYNTHESIS PREMIUM PLUS SN CF 5W30 C3

All season, modern oil for internal combustion engines. For the production of this oil are used high quality base oils produced in the synthetic process and optimally balanced advanced additives that ensure adequate lubrication and low levels of ash generated during the use of oil. The oil meets the latest requirements of car manufacturers. The oil provides engine protection under all conditions, reducing fuel consumption and thanks to high stability allows extension of oil drain intervals.



## VENOL SYNTHESIS GOLD SN PLUS 0W40

Engine oil formulated with the unique ACTIVE POWER technology, designed for year-round exploitation in cars equipped with gasoline engines, as well as engines with injection pumps. It makes cold starts of the engine easier. It extends the drain intervals and significantly reduces fuel consumption. Ready to be mixed with other branded motor of this kind.



## VENOL SYNTHESIS PREMIUM PLUS SN CF 5W30 C4

Multigrade engine oil formulated with the unique ACTIVE POWER technology, designed for gasoline and Diesel engines operating under different conditions. Recommended for use in engines equipped with DPF- diesel particulate filter, TWC - three-way catalyst. It helps to reduce environmental harmful compounds, minimizing fuel consumption, without lowering the engine's power. Recommended for vehicles that meet Euro 6 standards.



## VENOL SYNTHESIS 5W-20 SP C5 GF- 6A API SP

Engine oil destined for passenger cars equipped with gasoline, also charged and diesel engines, also turbo charged. It can be used in gasoline engines of hybrid cars. Its production is based on base oils derived from catalytic and highly selective crude oil processing. Due to the use of optimal friction modifiers, it has high stability at all temperatures. It provides full protection and full power of the engine.



## VENOL SYNTHESIS DIESEL CG SM 5W40

Engine oil formulated with the ACTIVE POWER technology, designed for heavily-loaded gasoline and Diesel engines which operating in passenger cars, light commercial vehicles and SUV's. It guarantees maximum power and unique protection for all model operated in varied climatic conditions. The relevant composition of base stocks and modern functional additives guarantees maximum power and unique protection for all model operated in varied climatic conditions. Ready to be mixed with other branded motor oils of this kind.



## VENOL SYNTHESIS PREMIUM SM CF 5W30

Engine oil formulated with the unique ACTIVE POWER technology, designed for year-round exploitation in cars equipped with gasoline and Diesel engines with turbocharging, as well as engines with injection pumps. It makes cold starts of the engine easier. It extends the drain intervals and significantly reduces fuel consumption. Ready to be mixed with other branded motor oils of this kind.



## VENOL SYNTHESIS GOLD PLUS SN CF 5W40

Engine oil formulated with the unique ACTIVE POWER technology, designed for gasoline and Diesel engines working in various conditions, in which the manufacturer allowed to use oils of this quality class. Recommended for use in engines equipped with DPF -diesel particulate filter, TWC-three-way catalyst. It helps to reduce environmental harmful compounds, minimizing fuel consumption, without lowering the engine's power. Recommended for vehicles that meet the requirements of Euro 6 standards



## VENOL SYNTHESIS ECONOMIC SM SL CF 5W30

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 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 reduces fuel and oil consumption. Ready to be mixed with other branded motor oils of this kind.



## VENOL SYNTHESIS GOLD SM CF 5W40

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 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.

# ENGINE OIL FOR PASSENGER CARS PETROL DIESEL AND HYBRID



## VENOL SYNTHESIS GOLD SM SL CF 5W50

Engine oil VENOL Synthesis Gold SM SL CF 5W50 formulated with the unique ACTIVE POWER technology, designed for year-round exploitation in cars equipped with gasoline and Diesel engines with turbocharging, as well as engines with injection pumps. It is perfect for motorsports thanks to Active Power technology, which provides a maximum engine power. It makes cold starts of the engine easier. It extends the drain intervals and significantly reduces fuel consumption. Ready to be mixed with other branded motor oils of this kind.



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

Mineral engine oil formulated with the unique ACTIVE POWER technology, designed for year-round exploitation in cars equipped with Diesel engines with and without turbocharging. It makes cold starts of the engine easier and protects against excessive wear. Ready to be mixed with other branded motor oils of this kind.



## VENOL SYNTHESIS HC-EC SPORT ACTIVE 10W-40

VENOL SYNTHESIS HC-EC Sport Active 10W-40 Engine oil formulated with the ACTIVE POWER technology, designed for lubricating extremely loaded gasoline and Diesel engines with turbocharging. It provides uninterrupted lubrication in the most extreme operating conditions, at low temperatures (cold start) and at high temperatures with the engine heated to the maximum, while retaining exceptional stability, thus engaging the full power in all driving conditions.



## VENOL STANDARD SF CD 15W40 SM/SL/CF

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.



## VENOL SYNTHESIS SPORT SM CF 10W60

Engine oil formulated with the ACTIVE POWER technology, designed for lubricating extremely loaded gasoline and Diesel engines with turbocharging. It provides uninterrupted lubrication in the most extreme operating conditions, at low temperatures (cold start) and at 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.



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

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.



## VENOL SEMISYNTHETIC SM SL CF 10W30

Semisynthetic engine oil formulated with the unique ACTIVE POWER technology, designed for year-round exploitation in cars equipped with gasoline and Diesel engines with turbocharging or without. It reduces the risk of valve wear, guarantees perfect lubrication and protection of the engine from the start up. Ready to be mixed with other branded motor oils of this kind.



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

Latest generation oil especially designed for European diesel engines, meeting the most stringent Euro5 fumes emission standards. It provides protection and increases the life of exhaust system components such as catalytic converters and particulate filters, with and without particulate filters and for the engines with selective catalytic converter reducing nitrogen oxides in exhaust gases, 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.



## VENOL SEMISYNTHETIC SM SL CF 10W40

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.



## VENOL DIESEL CC 15W-40 API CC

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.



## VENOL SEMISYNTHETIC DIESEL CG-4 10W40

Semisynthetic engine oil formulated with the ACTIVE POWER technology, designed for Diesel engines with turbocharging, as well as engines with injection pumps. It provides maximum engine power. It makes cold starts of the engine easier and outstandingly protects it both in low and high temperatures. It extends the drain intervals and significantly reduces fuel consumption.

# ENGINE OIL FOR TRUCK



## VENOL DIESEL CD 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.



## VENOL SEMISYNTHETIC DIESEL SAE 40 API CF

Venol SAE 40 is developed for Diesel engines. Every conditions of use (city, highway, mountain, rough road). Designed for particular cars and/or utility vehicles before the year 1994 with a high mileage. Miscible with other lubricants.



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

High quality motor oil based on selected mineral 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.



## VENOL SEMISYNTHETIC DIESEL SAE 50 API CF

Venol SAE 50 is developed for Diesel engines. Every conditions of use (city, highway, mountain, rough road). Designed for particular cars and/or utility vehicles before the year 1994 with a high mileage. Miscible with other lubricants.



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

Multigrade, mineral motor oil designed for use in heavily loaded diesel engines. The relevant composition of base stocks and functional additives increased cleanness 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.



## VENOL SEMISYNTHETIC DIESEL SAE 60 API CF

Venol SAE 60 is a heavy duty high performance engine oil giving outstanding service where the requirement is for a heavier SAE 60 viscosity grade. SAE 60 is often required for use where higher operating and ambient temperatures are encountered



## VENOL DIESEL ECONOMIC 20W-50 API CC

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.



## VENOL HD 40 API SF/CD

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



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

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.



## VENOL HD 50 API SF/CD

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



## VENOL TRUCK CF-4 20W-50 API CF-4

High quality new generation multigrade mineral oil, 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.

# ENGINE OILS FOR MOTORCYCLES



## VENOL DIESEL CD 15W-40 API SM/ SL

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.



## VENOL 2TC SYNTHESIS HC-EC ACTIVE API TC +

High quality synthetic 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 cm<sup>3</sup>. 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.



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

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. A special oil formulation provides complete engine protection in extreme sportsdriving conditions. Ready to be mixed with other branded motor oils of this kind.



## VENOL VENLUB MIX 2T API TC+

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.



## VENOL SYNTHESIS 4T 10W-50 API SNV

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. The oil, besides its use in motor sports, can be employed 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.



## VENOL 4T SF 20W-50 API SF

High-quality mineral engine oil for four-stroke motorcycle engines. Recommended for older generation motorcycles that have one lubrication system. Thanks to a special composition of oil bases and enriching additive it perfectly performs in the older generation engines, ensuring a reliable start-up, as well as excellent protection in the periods between oil changes. It is intended for lubrication of four-stroke engines. Perfectly lubricates and protects motorcycles during operation. Ready to be mixed with other branded motor oils of this kind.



## VENOL 4T SL 20W-50 API SL

Mineral oil for four-stroke motorcycle engines. Recommended for motorcycles with one lubrication system/one oil bath. This ensures reduction of deposits when operating at extremely high temperatures. Compliant with the quality requirements of JASO MA2 (Japanese Automotive Standards Organization) Designed for lubrication of four-stroke V-Twin engines in largecapacity and high-powered motorcycles made in US or Japan. Reliable for lubrication of wet or dry clutch motorcycles. Ready to be mixed with other branded motor oils of this kind.



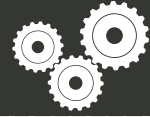
## VENOL 2TC SEMISYNTHETIC API +

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 cm<sup>3</sup>. 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.

## HYDRAULIC OILS



## GEAR OILS



### VENOL HYRAULIC FLUID ISO - 10

ISO-10 is more environmentally friendly and able to achieve exceptional performances in all areas. Formulated from carefully selected base oils and the latest additivition technology originating in our research Centre. It guarantee maximum efficiency as regards hydraulic equipment, unequalled lifetime service oil and a marked reduction in maintenance costs. Developed in partnership with the leading hydraulic equipment manufacturers posed by today's hydraulic circuit.



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

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



### VENOL HYRAULIC FLUID ISO - 32

Oils are antiwear hydraulic fluids. They are more environmentally- friendly and able to achieve exceptional performances in all areas. Formulated from carefully selected base oils and the latest additivition technology originating in our research Centre. It guarantee maximum efficiency as regards hydraulic equipment, unequalled lifetime service oil and a marked reduction in maintenance costs. Developed in partnership with the leading hydraulic equipment manufacturers posed by today's hydraulic circuit.



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

High quality semi synthetic 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.



### VENOL HYRAULIC FLUID ISO - 46

ISO-46 is more environmentally friendly and able to achieve exceptional performances in all areas. Formulated from carefully selected base oils and the latest additivition technology originating in our research Centre. It guarantee maximum efficiency as regards hydraulic equipment, unequalled lifetime service oil and a marked reduction in maintenance costs. Developed in partnership with the leading hydraulic equipment manufacturers posed by today's hydraulic circuit.



### VENOL GEAR GL-5 80W-90

High quality mineral, chlorine free oil for vehicle transmission gears. Used to lubricate back 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.



### VENOL HYRAULIC FLUID ISO - 68

Oils are antiwear hydraulic fluids. They are more environmentally-friendly and able to achieve exceptional performances in all areas. Formulated from carefully selected base oils and the latest additivition technology originating in our research Centre. It guarantee maximum efficiency as regards hydraulic equipment, unequalled lifetime service oil and a marked reduction in maintenance costs. Developed in partnership with the leading hydraulic equipment manufacturers posed by today's hydraulic circuit.



### VENOL GEAR GL-5 85W-90

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 anti-friction properties. The oil is used to lubricate back axles and transmission gears of the vehicles working under severe conditions, namely at: high speed and low torque, low speed and high torque. Ready to be mixed with other branded gear oils of this kind.



### VENOL GEAR GL-4 85W-90

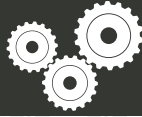
Mineral gear oil for heavily and medium-loaded transmissions, back axles, as well as gears in passenger cars, commercial vehicles, trucks, buses and other modes of transport, when using GL-4 class oil is recommended by the manufacturer. Ready to be mixed with other branded gear oils of this kind.



### VENOL GEAR GL-5 85W-140

High quality mineral gear oil designed for use in heavily loaded transmission 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.

## GEAR OILS



## AUTOMATIC TRANSMISSION FLUID



### VENOL GEAR GL-4 85W-140

High quality mineral gear oil designed for use in heavily loaded transmission 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.



### VENOL ATF-TYPE A

Venol automatic transmission fluid provide outstanding resistance to oil breakdown and deposits. Improve overall transmission durability and cleanliness.



### VENOL GEAR GL-4 85W-90

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 of this kind.



### VENOL ATF-TYPE II

Venol automatic transmission fluid provide outstanding resistance to oil breakdown and deposits. Improve overall transmission durability and cleanliness. Automatic and power shift transmission and torque converters of passenger cars, light commercial vehicles and industrial vehicles.



### VENOL DEXRON TYPE-IIID ATF

Venol Transmission fluid approved by General Motors as DEXRON® III with the number G-34017 intended for most automatic transmissions of recent design. Automatic and power shift transmission and torque converters of passenger cars, light commercial vehicles and industrial vehicles. Hydraulic systems where a fluid of type GM DEXRON® III is required.



### VENOL DEXRON TYPE-IV

Venol automatic transmission fluid type-IV is a multipurpose multigrade oil of the highest quality for automatic transmissions where the use of Type-IV liquids is prescribed. Thoroughly selected additives and synthetic components provide the best friction properties when gear changing, perfect low-temperature properties, high antioxidant and chemical stability during the whole operation life.



### VENOL ATF - CVTF

Fully synthetic lubricant based on carefully selected high quality base oils, that has been designed to be used in most CVT gearboxes. It is suitable for continuously variable transmissions, using steel push-belts or chains. It offers outstanding anti-wear protection and stable friction characteristics.



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