



Ultralube[®] Supreme Premium Multi-Grade Motor Oils

Ultralube[®] Supreme motor oils are Ultramar's most advanced premium quality passenger car motor oils. They meet or exceed the latest API¹ Service Classification and ILSAC² specifications. They are designed for year-round use in today's high performance gasoline engines found in passenger cars, SUVs and light duty utility vehicles operating in a wide range of applications.

Ultralube[®] Supreme motor oils are blended from exceptionally high quality base oils and enhanced with advanced additive technology to formulate a series of premium quality multi-grade motor oils which are guaranteed to provide maximum wear protection and deposit control in gasoline engines operating under severe operating conditions.

Ultralube[®] Supreme is available in five SAE³ viscosity grades: 5W-20, 5W-30, 10W-30, 10W-40, and 20W-50. The grades 5W-20, 5W-30 and 10W-30 are approved for the API Service Classification "SM". **Ultralube[®] Supreme** SAE 5W-20, 5W-30 and 10W-30 meet the requirements for ILSAC GF-4 and Energy Conserving (EC) certification. **Ultralube[®] Supreme** motor oils meet or exceed all manufacturer's warranty requirements for gasoline engines.

Ultralube[®] Supreme can also be used where ILSAC GF-1, GF-2 or GF-3 motor oils are recommended. They are backward compatible and suitable for applications requiring API SH, SJ, and SL.

Applications

Ultralube[®] Supreme Motor Oils are recommended for year-round use in all gasoline, propane, and compressed natural gas (CNG) fuelled engines used in passenger cars, SUVs, light trucks and utility vehicles. **Ultralube[®] Supreme Motor Oils** exceed all manufacturers' warranty requirements for gasoline engines where ILSAC GF-4 or API SM engine oil is recommended. Always consult your owner's manual for the correct viscosity choice.

Ultralube[®] Supreme Motor Oils have passed the JASO 9037 MA Quality tests and may be used in four-stroke gasoline engines used in motorcycles and power boat applications. All grades are specially formulated for use in turbo-charged engines.

Ultralube[®] Supreme 5W-20 Motor Oil is designed specifically to meet the demanding requirements of both Ford and Honda. This unique viscosity grade should only be used in vehicles that require a SAE 5W-20 viscosity grade.

Ultralube[®] Supreme 5W-30 Motor Oil is recommended by the majority of the manufacturers for most of the late model North American and Japanese vehicles, operating under all weather conditions. It is also preferred for use at very low temperatures to ensure adequate oil fluidity for cold starting and engine protection.

Ultralube[®] Supreme 10W-30 Motor Oil is recommended for many older vehicles and a few late model cars and trucks which are equipped with larger 6 and 8 cylinder engines. This grade offers improved fuel economy over heavier viscosity grades.

Ultralube[®] Supreme 10W-40 and 20W-50 Motor Oils are designed for use in high performance engines in severe service conditions and high temperature operations. This would include operations such as towing heavy trailers at highway speeds or up inclines for long periods. They are also recommended for high performance engines, particularly engines found European vehicles.

Performance Benefits

- **Excellent Deposit Control** - the advanced additive package provides exceptional resistance to high temperature breakdown due to oxidation. The additives prevent the formation of harmful engine deposits such as varnish, sludge, and soot.

- **Outstanding Protection Against Engine Wear, Rust, and Corrosion** - the engine oils are formulated with an advanced additive component designed to neutralize combustion acids and minimize corrosion caused by stop-and-start driving conditions in cold weather. This performance feature considerably reduces the wear on rings, liners, cam shafts, and extends bearing life significantly.
- **Excellent Piston Cleanliness** - the advanced, highly stable, detergency / dispersant additive package minimizes the formation of deposits on pistons and prevents ring sticking to ensure efficient engine operation.

- **Excellent Shear Resistance** - the viscosity index improver minimizes viscosity loss due to mechanical shearing.
- **Excellent Fluidity at Low Temperatures** - the use of premium base oils and selected additive packages are specifically designed to provide the excellent low temperature fluidity needed for proper pumpability and maintain sufficient film strength during cold cranking and start up conditions. This ability permits faster, unaided cold weather starts and reduces engine wear during low temperature operation.
- **Low Oil Consumption** - the use of premium base oils and selected additive packages reduces oil volatility and, therefore, consumption.

Typical Properties

Properties	Ultralube® Supreme Motor Oil				
SAE Viscosity Grade	5W-20	5W-30	10W-30	10W-40	20W-50
API Service Classification	SM	SM	SM	SL	SL
API Energy Conserving	Pass	Pass	Pass	-	-
ILSAC Rating	GF-4	GF-4	GF-4	-	-
Density, @ 15°C, kg/l	0.858	0.860	0.877	0.876	0.886
Viscosity					
cSt @ 40 °C	47.0	65.0	70.0	97.0	160.9
cSt @ 100 °C	8.2	10.7	10.5	14.5	17.7
Cold Cranking Viscosity (CCS)					
cP @ -15 °C	-	-	-	-	7874
cP @ -25 °C	-	-	5960	6418	-
cP @ -30 °C	4890	5759	-	-	-
Viscosity Index	157	155	138	154	120
Pour Point, °C	-38	-38	-36	-36	-27
Borderline Pumping, °C	-35	-35	-30	-25	-20

The values quoted are typical of normal production and do not constitute a specification.

Product Availability

Package	Product Identification Code				
SAE Viscosity Grade	5W-20	5W-30	10W-30	10W-40	20W-50
Bulk	4143630	4141031	4141092		
205-L Drum	4143440	4141091	4141093		
Case, 12* 946-ml Bottle	4141404	4141441	4141451	4141452	4141453

Due to continuing research and development, the information contained herein is subject to change without notification.

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¹ API – American Petroleum Institute

² ILSAC – International Lubricant Standardization and Approval Committee

³ SAE – Society of Automotive Engineers