

Product Information

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Lubricants - Engine Oil - Passenger Car Motor Oils

Version: 021/05

DuraBlend™ MXL Motor Oil SAE 5W-40

Premium semi-synthetic passenger car motor oil exceeds manufacturer requirements – Provides outstanding performance under tough driving conditions and extra long-drain intervals.

DuraBlend MXL SAE 5W-40 is a premium high quality motor oil, manufactured with advanced synthetic base oils and the latest generation additive technology. This combination makes the product suitable for long-life use, according to the relevant OEM specifications.

Approvals/Performance levels

SAE 5W-40
ACEA A3-02, B3-98 issue 2, B4-02
API SJ/SL/CF
Mercedes-Benz 229.3
Volkswagen 502.00/505.00 (3/97)

Includes Mercedes-Benz 229.1

Applications

Fulfills Mercedes-Benz extended drain intervals for Mercedes-Benz 229.3 motor oils.

For gasoline and diesel engines of passenger cars and light trucks with or without turbochargers.

Service intervals for vehicles with Mercedes-Benz AS System (from March 1997 onwards) may go up to 30.000 Km., depending on the oil life monitoring system.

Suitable for direct injected diesel engines (Volkswagen DID test).

Suitable for extreme cold conditions.

Features and Benefits

Extended drain performance

Suitable for long-life use, according to the relevant OEM specifications.

Engine cleanliness

Enhanced additives combat deposits, reducing friction.

Fuel efficiency

A clean engine running with reduced friction provides lower fuel consumption.

Cold start protection

Synthetic blend chemical and physical properties help ensure excellent lubrication at low temperatures and optimum protection during normal and high temperatures.

Wear protection

Engine and turbo deposits are reduced to a minimum, which extends the engine and turbo's useful life.

Breakdown resistance

Thermal and oxidation-stable oil film resists breakdown.

Optimum performance

Helps engines maintain peak performance by providing protection under severe conditions as cold and high temperatures, short journey cycles where full operating temperature is not reached, stop-start city driving with long periods of idling and long-distance driving at high RPM.

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Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. A Material and Safety Data Sheet (MSDS) is available on request via your local sales office or via the internet @ <http://msds.ashland.com>

Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Typical Properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline™ specifications, variations in these characteristics may occur.

DuraBlend MXL motor oil	
SAE Viscosity Grade	5W-40
Viscosity, mm²/s @ 100 °C. ASTM D-445	13.9
Viscosity, mm²/s @ 40 °C. ASTM D-445	80.2
Viscosity Index ASTM D-2270	178
Viscosity, mPa.s -30°C. ASTM D-5293	<6600
TBN, mg KOH/g ASTM D-2896	11.2
Pour Point, °C ASTM D-5950	-42
Specific Gravity @ 15.6°C. ASTM D-4052	0.853
Flash Point, COC, °C. ASTM D-92	>220

This information only applies to products manufactured in the following location(s): Europe

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Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit www.valvolineurope.com

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