

Product Information

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Lubricants - Engine Oil - Passenger Car Motor Oils

Version: 035/09

SynPower™ MST Motor Oil SAE 5W-30

Low-SAP fully synthetic passenger car motor oil with long-life technology, superior protection -- For latest Mercedes-Benz and other Euro IV and Euro V diesel engines equipped with diesel particle filters, and/or three way catalyst technology

SynPower MST SAE 5W-30 can be used in modern long-drain Mercedes-Benz, BMW, GM Dexos 2 petrol and diesel engines, providing excellent protection even under extreme conditions.

Approvals/Performance levels

| SAE 5W-30 |
|-------------------------------|
| API SM, SN/CF |
| ACEA C3-10 |
| ACEA A3/B4-04 |
| BMW LL-04 |
| MB 229.51 / 229.31 |
| VW 502.00 / 505.00 / 505.01 |
| Meets requirements of Dexos 2 |
| |
| |

Applications

Premium fully synthetic Low SAP engine oil for Mercedes-Benz and other Euro IV and V diesel engines equipped with DPF technology (diesel particle filter), and/or TWC (three way catalyst).

Suitable for CDI engines with EGR and DPF system, and long-drain intervals up to 30.000 kilometers.

Provides excellent protection even under extreme conditions.

Suitable for Euro IV and Euro V diesel engines.

Suitable for cars with environmental friendly exhaust systems, like EGR and TWC.

Can be used in modern Mercedes-Benz and BMW gasoline and diesel engines.

Features and Benefits

Superior protection

Through use of synthetic base oil technology SynPower MST 5W-30 fights the three major causes of engine stress – heat, deposits and wear.

Extended drain performance

Suitable for long drain intervals according to Mercedes-Benz and BMW specifications.

Clean engine and the environment

Low SAPS (Sulphated Ash, Phosphorous and Sulphur) formulation prevents deposit build up in diesel particulate filters and reduces exhaust emission.

Cold starts

Product has a very low pour point, which results in easier cold starting.

Wear protection

Excellent wear protection enhances engines and DPF lifetime.

Fuel efficiency

Enhanced fuel efficiency versus reference oil.

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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.

| SynPower MST motor oil | |
|---|-------|
| SAE Viscosity Grade | 5W-30 |
| Viscosity, mm ² /s @ 100 °C. ASTM D-445 | 11.9 |
| Viscosity, mm ² /s @ 40 °C. ASTM D-445 | 68 |
| Viscosity Index ASTM D-2270 | 171 |
| Viscosity, mPa.s -30°C. ASTM D-5293 | <6600 |
| TBN, mg KOH/g ASTM D-2896 | 7.0 |
| Pour Point, °C ASTM D-5950 | -42 |
| Specific Gravity @ 15.6°C. ASTM D-4052 | 0.852 |
| Flash Point, COC, °C. ASTM D-92 | 228 |

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

People Who Know, Use Valvoline™

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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