

# Product Information

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*Lubricants - Engine Oil - Passenger Car Motor Oils*

Version: 052/03b

## SynPower™ Xtreme MST C3 Motor Oil SAE 5W-40

***Low-SAP fully synthetic passenger car motor oil with long-life technology, ultimate 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 Xtreme MST C3 SAE 5W-40 can be used in modern long-drain Mercedes-Benz, BMW, GM Dexos 2 petrol and diesel engines, providing ultimate protection even under extreme conditions.

### Approvals/Performance levels

<b>SAE 5W-40</b>
API SM, SN/CF
ACEA C3-10
Suitable for use in engines where ACEA A3/B4-04 is recommended*
BMW LL-04
Ford WSS-M2C917-A
MB-Approval 229.51
Porsche A-40
Renault RN0700, RN0710
Approved under VW Standard 502.00 / 505.00 / 505.01
Recommended for use where Fiat 9.55535.S2 is specified.
GM dexos 2 approved GB2E0310103

\*Except when using diesel fuels with more than 0.5% sulphur.

### 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 ultimate 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 GM, MB, and BMW gasoline and diesel engines. Except GM Duramax diesel engines that require API CJ-4 engine oil.

### Features and Benefits

#### Ultimate protection

Through use of synthetic base oil technology SynPower Xtreme MST C3 5W-40 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.

#### Fuel efficiency

Enhanced fuel efficiency versus reference oil.

#### Cold starts

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

#### Wear protection

Ultimate wear protection enhances engines and DPF lifetime.

#### Clean engine and the environment

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



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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 (SDS) 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 Xtreme MST C3	
SAE Viscosity Grade	5W-40
Viscosity, mm <sup>2</sup> /s @ 100 °C. ASTM D-445	14.1
Viscosity, mm <sup>2</sup> /s @ 40 °C. ASTM D-445	83.9
Viscosity Index ASTM D-2270	171
Viscosity, mPa.s -30°C. ASTM D-5293	<6600
TBN, mg KOH/g ASTM D-2896	7.5
Pour Point, °C ASTM D-5950	-39
Specific Gravity @ 15.6°C. ASTM D-4052	0.851
Flash Point, COC, °C. ASTM D-92	240

**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.valvolineeurope.com](http://www.valvolineeurope.com)

## Author:

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