

# PRODUCT INFORMATION



Lubricants - Engine Oil - Passenger Car Motor Oils

Version: 068/07

## SynPower™ MST C3 Motor Oil SAE 5W-30

Premium quality full synthetic motor oil. Formulated for ultimate performance and protection under all operating conditions. Designed to fulfill the latest standards of leading engine manufacturers.

Approvals
BMW LL-04
MB-Approval 229.31
MB-Approval 229.51
MB-Approval 229.52
VW 50500/50501
Performance levels
ACEA C2/C3
API: SN/CF
GM Dexos 2
Renault RN17

### Applications

Formulated for Euro 4 and 5 diesel engines equipped with DPF technology (diesel particulate 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 running on E85 diesel fuel.

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

Can be used in modern GM, MB and BMW gasoline and diesel engines. Except GM Duramax diesel engines that require API CJ-4 motor oil.

### Features & Benefits

#### Ultimate protection and performance

SynPower engine oil is formulated with the highest quality base oils and latest additives to ensure ultimate protection and performance under all operating conditions. Designed to fulfill the latest standards of leading engine manufacturers.

#### Long drain interval

Formulated for excellent product stability. Long lasting performance and suitable for long drain intervals.

#### Engine cleanliness

Keeps engine extremely clean by minimizing deposits.

#### Optimized for emission control systems

Specifically designed for use with emission control systems like DPF (Diesel Particulate Filter) and TWC (Three Way Catalyst). Low SAPS output keeps the emission control system in optimal conditions.

#### Excellent cold start performance

Instant oil flow at low temperatures provides easy cold starts and optimal lubrication within seconds after ignition.

#### Wear protection

Provides ultimate protection against wear under all operating conditions.

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## Keeping the world moving since 1866™

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; 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)

## Typical properties

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

<b>SynPower MST C3 Motor Oil</b>	
<b>SAE Viscosity Grade</b>	5W-30
<b>Viscosity, mm<sup>2</sup>/s @ 100 °C.</b> ASTM D-445	12,1
<b>Viscosity, mm<sup>2</sup>/s @ 40 °C.</b> ASTM D-445	72
<b>Viscosity Index</b> ASTM D-2270	165
<b>Viscosity, mPa.s -30°C.</b> ASTM D-5293	<6200
<b>TBN, mg KOH/g</b> ASTM D-2896	7,5
<b>Pour Point, °C</b> ASTM D-5949	-42
<b>Specific Gravity @ 15.6°C.</b> ASTM D-4052	0,854
<b>Flash Point, COC, °C.</b> ASTM D-92	230

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

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## Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet <http://sds.valvoline.com>

## Protect the environment

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

## Storage

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

Replaces – 068/06