

# Product Information



A PRODUCT OF ASHLAND CONSUMER MARKETS, A COMMERCIAL UNIT OF ASHLAND INC.

Lubricants - Engine Oil - Passenger Car Motor Oils

Version: 047/03

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

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 229.51
Porsche A40
VW 50200/50500/50501
GM Dexos 2 GB2E0310103
Performance levels
ACEA C3
API: SM, SN/CF
Ford WSS-M2C917-A
Renault RN0700/0710
Recommended for use where Fiat 9.55535.S2 is specified.

### Applications

Formulated for Euro 4 and 5 diesel engines equipped with DPF technology (diesel particulate filter), and/or TWC (three way catalyst). Also suitable for petrol and LPG engines.

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

Can be used where BMW LL-01 is specified.

Suitable for high performance engines, like Porsche models from 1994 onwards.

### 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. Longlasting 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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## Health & Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. A 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 MST C3 Motor Oil	
SAE viscosity grade	5W-40
Viscosity, mm <sup>2</sup> /s @ 100 °C. ASTM D-445	14
Viscosity, mm <sup>2</sup> /s @ 40 °C. ASTM D-445	85
Viscosity Index ASTM D-2270	170
Viscosity, mPa.s -30°C. ASTM D-5293	<6200
TBN, mg KOH/g ASTM D-2896	7,8
Pour Point, °C ASTM D-5949	-45
Specific Gravity @ 15.6°C. ASTM D-4052	0,852
Flash Point, COC, °C. ASTM D-92	232

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

## 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 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](http://www.valvolineurope.com)

## Author:

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