

# PRODUCT INFORMATION



*Lubricants - Engine Oil - Passenger Car Motor Oils*

Version: 173/02

## Valvoline™ SynPower™ MST FE C2 0W-30

VALVOLINE SynPower – OEM Approved Premium Grade Synthetic Motor Oil.

Formulated for ultimate performance and protection under all operating conditions, SynPower is designed to fulfil the latest standards of leading engine manufacturers.

SynPower MST FE C2 0W-30 has been formulated to meet BMW LL-12 FE, Ford WSS-M2C950-A lubricant specification. MST FE C2 0W-30 is designed to maintain fuel efficiency in vehicles with DPF and GPF, where a 0W-30 C2 is recommended.

### Approvals & Specifications

BMW LL-12 FE

Recommended for in-warranty service fill where Ford WSS-M2C950-A is required

MB-Approval 229.61

ACEA C2

ACEA A5/B5

API SP-RC, SP, SN Plus

ILSAC GF-6A

Recommended for use by Valvoline where Fiat 9.55535-GS1, DS1 or Iveco 1811 SC1 LV-16 is required

### Applications

SynPower MST FE C2 0W-30 has been formulated to meet Ford and BMW lubricant specification. MST FE C2 0W-30 is designed to maintain fuel efficiency in diesel and gasoline vehicles, where a 0W-30 is recommended.

Specially formulated for use in cars and light commercial vehicles including petrol, diesel, and LPG engines, where a 0W-30 is recommended.

For vehicles operating in cold conditions.

**Always check the owner's manual for the correct oil specification to use.**

### Features & Benefits

#### Protects Engine and Emissions System

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.

#### Engine cleanliness

Keeps engine extremely clean by minimizing deposits.

#### Wear protection

Provides ultimate protection against wear under all operating conditions.

#### Excellent cold start performance

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

#### Fuel Economy (FE)

Low viscosity and special additives result in maximum reduction friction which results in a lower fuel consumption.

#### Mid SAPS Technology (MST)

Valvoline's MST additive system is formulated to provide the highest level of engine protection whilst not adversely impacting the performance of emissions control technologies such as Diesel Particulate Filters (DPF), Gasoline Particulate Filters (GPF) of and Selective Catalytic Reduction (SCR) systems. Formulated with advanced detergent and anti-wear components the MST additive system minimizes filter blocking, catalyst deactivation and sulphate particulate creation; helping to maintain the efficient operation of the vehicle.

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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)

**Check the latest Approvals & Specifications:**

<https://pisheets.valvoline.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 FE C2</b>	
<b>SAE Viscosity Grade</b>	0W-30
<b>Viscosity, mm<sup>2</sup>/s @ 100 °C.</b> ASTM D-445	9.68
<b>Viscosity, mm<sup>2</sup>/s @ 40 °C.</b> ASTM D-445	49.73
<b>Viscosity Index</b> ASTM D-2270	184
<b>Viscosity, mPa.s -35°C.</b> ASTM D-5293	5540
<b>TBN, mg KOH/g</b> ASTM D-2896	9.41
<b>Pour Point, °C</b> ASTM D-5949	-45
<b>Specific Gravity @ 15.6°C.</b> ASTM D-4052	0.844
<b>Flash Point, COC, °C.</b> ASTM D-92	250

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

## 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 storing 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 – 173/01

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