

PRODUCT INFORMATION



Lubricants - Engine Oil - Passenger Car Motor Oils

Valvoline™ SynPower™ MST FE C5 0W-20

VALVOLINE SynPower – OEM Approved Premium Grade Synthetic Engine Oil.

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

OEM Approvals
PSA B71 2010
Renault RN17FE
Performance levels
ACEA C5
API SQ, SP

Applications

SynPower MST FE C5 0W-20 has been formulated to meet PSA B71 2010 lubricant specification for Stellantis (ex-PSA Group).

MST FE C5 is designed to maintain fuel efficiency in light duty vehicles with advanced aftertreatment systems such as DPF's, GPF's and SCR, where a 0W-20 is recommended. Also suitable for other vehicles where a 0W-20 ACEA C5 engine oil is required.

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

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 for engines going up to Euro 6b including hybrids.

Engine cleanliness

Keeps engine extremely clean by minimizing deposits in combination with a reduction in oil consumption lowering the need for in-between ODI top-ups.

Improved Fuel Efficiency (FE)

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

Excellent cold start performance

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

Compatible with Hybrid Vehicles

Specially enhanced formulation to cope with the challenges seen in hybrids like the many high-power cold starts and the longer periods of low oil temperature.

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) 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 Global Operations 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 <https://www.valvolineglobal.com/en-eur/> or <https://pisheets.valvolineglobal.com>

Health & Safety

For more information about environment requirements, product safe handling, storage, and disposal, please refer to the product Safety Data Sheet (SDS) available at <https://sds.valvolineglobal.com>

Typical properties

SynPower MST FE C5 Engine Oil	
SAE Viscosity Grade	0W-20
Viscosity @ 100°C, mm²/s ASTM D445	8.0
Viscosity @ 40°C, mm²/s ASTM D445	42
Viscosity Index ASTM D2270	170
Viscosity @ -35°C, mPa.s ASTM D5293	5900
TBN, mg KOH/g ASTM D2896	10
Pour Point, °C ASTM D5949	-39
Density @ 15°C, g/cm³ ASTM D4052	0.843
Flash Point, COC, °C ASTM D92	228

*The data provided is for reference only and can be applied only for the specific production location

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

Effective date: 7/20/2026