

fórmula
MFS

5W-40

energy creates energy



Fully synthetic lubricant specially developed for 4-cylinder engines requiring MB 229.6 standard, and ACEA A5/B5.

Intended for the lubrication of turbocharged or non-turbocharged petrol engines, and direct injection diesel engines fitted with turbochargers.

Its low viscosity (viscosity grade SAE 5W-30), combined with the addition of state-of-the-art friction modifiers, help reduce internal friction in the engine for more efficient operation, lower fuel consumption and reduced CO2 emissions.

This product allows you to achieve fuel savings of at least 2.5% when compared to a SAE 15W-40 grade reference lubricant. Because it is a "normal SAPS" product, its use is not recommended in diesel vehicles fitted with particulate filters or NOx reduction catalytic converter systems.

PROPERTIES

- Excellent fluidity when cold, to protect the engine and save fuel after starting the engine. Perfect for Start-Stop systems.
- High thermal stability, which guarantees engine protection even at high speeds.
- Excellent resistance to oxidation, allowing extended periods of change.
- Excellent protection against wear and corrosion, increasing engine life.
- Excellent cleaning power, which guarantees maintenance of engine performance.
- Friction modifier additives to reduce friction inside the engine, thus increasing fuel savings.



MAIN FEATURES

Density at 15°C, kg/l (D1298/D4052)	0,85
Viscosity Index (D2270)	168
Kinematic viscosity at 40°C, mm ² /s (D445)	81
Kinematic viscosity at 100°C, mm ² /s (D445)	13,4
Pour Point, °C (D97)	-45
Flash Point, °C (D92)	247
Total Base Number, mgKOH/g (D2896)	8,0

SPECIFICATIONS / APPROVALS

ACEA	C3
API	SN / CF
MB	229.51 / 226.5
BMW	LL-04
GM	dexos2
VW	502.00 / 505.01
RENAULT RN	0710 / 0700
PORSCHE	A40

PROPERTIES:

- Excellent lubricating film stability which maintains all its properties even under extreme pressure and temperature conditions.
- Reinforced detergent / dispersant capabilities, ensuring that engines remain perfectly clean by inhibiting the accumulation of soot.
- High fluidity at low temperatures, thus providing a protective lubricant film on all engine components immediately after starting.

PACKAGING:

- IBC 1000 L
- Drum, 205 L
- Box, 4 x 5 L
- Box, 18 x 1 L

FPC 916 – NOV15 R&D – LUB - GPA

Help protect the environment: do not dispose of used oils by dumping them in drainage systems, waterways or on the ground. GL15003a



ABOUT GALP:

An integrated Energy Company with worldwide recognition in sustainability initiatives and awarded the top place in this field from the Dow Jones Sustainability Indices for eight years running, GALP is proud of top high quality tested and fully approved products. From base oils to aromatics, motor oils and fuels, the meaning of being an integrated oil company means just that the full life cycle of its products goes from the exploration and production, refining and production of finished lubricants. Not a simple blender, being an integrated company means, literally, producing a product from its source to the consumer hands.

CONTACT: