

**fórmula**  
LS FE FUSION

**0W-20**

energy creates energy



Fully synthetic high-performance lubricant, formulated with cutting edge technology, for gasoline, diesel and hybrid, light duty passenger vehicles. Its enhanced performance provides low complexity and reduces the likelihood of error when used, as well as allowing the rationalization of stock. It meets the latest specifications from some of the leading equipment manufacturers (OEMs), specifically BMW, Opel, Mercedes, Ford, Jaguar Land Rover.

In addition to passing all the physical-chemical and bench tests associated with ACEA C5 level, this product is designed to exceed the demanding internal requirements of the new BMW LL-17 FE+ specification, specifically the FE (Fuel Economy), turbocharger and long oil change interval capacity tests.

Small modern turbocharged gasoline direct injection (TGDI) engines, with or without exhaust gas treatment systems, have very high operating temperatures and require high-performance lubricants. Galp Formula LS FE Fusion OW20 boasts level API SN Plus as evidence of its additional capacity to protect the engine against the low-speed pre-ignition (LSPI) phenomenon, which can occur in vehicles with these types of engines and cause serious damage to the equipment.

**Thanks to the use of state-of-the-art friction modifiers, this product makes it possible to achieve fuel savings of at least 3.6% when compared to a benchmark 15W-40 lubricant.**



## MAIN FEATURES

Density at 15°C, kg/l (D1298/D4052)	0,84
Viscosity Index (D2270)	192
Kinematic viscosity at 40°C, mm <sup>2</sup> /s (D445)	39
Kinematic viscosity at 100°C, mm <sup>2</sup> /s (D445)	8,2
Pour Point, °C (D97)	-42
Flash Point, °C (D92)	200
Total Base Number, mgKOH/g (D2896)	8,3

## SPECIFICATIONS / APPROVALS

ACEA	C5
API	SN PLUS / SN Resource Conserving
BMW	LL-17+ / LL-14 FE+
OPEL	OVO401547
MB	229.71
FORD	WSS M2C 947-B1
STJLR	03.5006
FIAT	9.55535 GSX
CHRYSLER	MS
ILSAC	GF-5

## 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: