



Galp Formula LS FE Fusion 0W20

Re: Launch of new Product

Dear Mr. Luis Meirelles,

Following the continuing strategy of excellence in the Quality of our Lubricants portfolio it is with great pleasure that we announce the creation of a new product in the Galp Formula range line: **GALP FORMULA LS FE FUSION 0W20: P321117**

This product is the result of a partnership between our R&D teams and the main International OEM's. It is a 100% synthetic lubricant, of high performance, formulated with top tier technology, intended for light vehicle engines gasoline, diesel and hybrid.

It presents a very wide performance, providing a reduction of complexity and minimizing the possibility of error when using and enabling the rationalization of stocks. It meets the latest specifications of some of the leading original equipment manufacturers (OEM's), namely **BMW, Opel, Mercedes, Ford, Jaguar Land Rover**.

In addition to complying with all the physico-chemical, bench and engine tests associated with **the ACEA C5** level, this product is designed to exceed the most severe requirements of the new **BMW LL-17 FE+** specification, namely the FE (*Fuel Economy*) tests, turbo charger protection and extended oil change interval capability.

The **Galp Formula LS FE Fusion 0W20** has the API **SN Plus** level, evidencing its increased capacity to protect the engine against the phenomenon of low-speed pre-ignition (LSPI – Low-Speed Pre-Ignition), which can occur in vehicles with this type of engines causing serious damage to the equipment.

This Lubricant meets the requirements of the new specification **OPEL OV0401547**, launched after the separation of Opel from the GM group and it is recommended for Opel **turbo diesel 1.0, 1.4 e 1.5 models and for the CDTI 1.6 engine** existing in Opel Astra and Insignia models.

It also meets the requirements of Mercedes' latest specification for light vehicles – **MB 229.71** – requested for the new Mercedes 4-cylinder engines, namely the OM654 diesel engines, and the M256 and M264 gasoline engines with integrated 48V electrical systems. These engines are used in the new Mercedes **E-Class** models, and also in several Mercedes **C-Class** and **S-Class models**.

It is also intended for use in **FORD** engines requiring a lubricant to comply with the new FORD **WSS M2C 947-B1** specification, **JAGUAR** and **LAND ROVER** engines, which require a lubricant to comply with **STJLR 03.5006 specification**.

Its **ACEA C5** performance combined with a **0W-20** viscosity SAE grade makes it also suitable for use in **Kia, Hyundai, Suzuki** and **Toyota** engines that require a lubricant with these characteristics.

The **complete performance** of the product is as follows:

Acea C5

API SN Plus / SN *Resource Conserving*

BMW LL-17FE+; LL-14FE+

Opel OV0401547

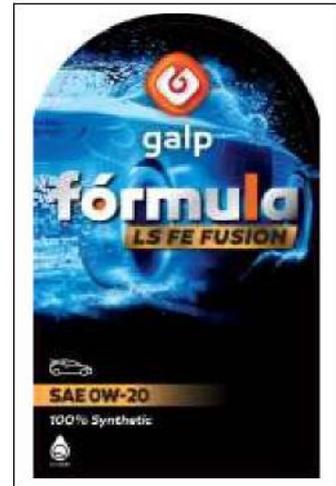
FORD WSS M2C 947-B1

STJLR 03.5006

Fiat 9.55535-GSX

CHRYSLER MS 12145

ILSAC GF-5



This product is available in **1L**, **5L** and Drum **205L**.