



# TECHNICAL DATA

## LL 5W-30 FS

Fully synthetic engine oil

Product code: OLFL

### Product Description:

LL 5W-30 FS is a fully synthetic multigrade engine oil based on high quality synthetic base stocks and formulated with the very latest in advanced additive technology.

LL 5W-30 FS has been developed to provide outstanding performance in the most up to date power units, which by their advancement in design have necessitated the employment of lighter viscosity multigrade engine oils while at the same time demanding more from the lubricant in terms of general protection, film strength and oxidation stability.

LL 5W-30 FS responds to the demands of modern day motoring conditions by affording the highest level of performance and engine protection in the most severe conditions at both high and low ambient temperatures.

### Benefits:

- Primarily designed for GM Vauxhall (non DPF)
- Suitable for a wide range of vehicles
- Allows for extended drain capability
- Not to be used in vehicles with diesel particulate filters

### Applications:

LL 5W-30 FS can be used in many types of passenger cars (petrol or diesel) including high performance turbocharged vehicles. It should not be used in vehicles fitted with diesel particulate filters.

### Product Specification:

API	SM/CF
ACEA	A3/B4
VW	502.00/505.00
MB	229.5
GM	LL-A-025, LL-B-025
BMW	Longlife-01, Longlife-98



# TECHNICAL DATA

## Typical Test Data:

Specific Gravity @ 15.6 °C	0.874
Kinematic Viscosity @ 100 °C (cSt)	11.3
Kinematic Viscosity @ 40 °C (cSt)	67.0
Viscosity Index	155
CCS @ -30 °C (cP)	6100
Flash Point COC ( °C)	235
TBN (mg KOH / g)	10.1
Sulphated Ash (% w/w)	1.26

## Health & Safety:

Please refer to the safety data sheet, a copy of which is freely available to all of our customers.