



SUPREME PLUS 5W30 (BMW LL-04, MB 229.51)

DESCRIPTION :

SUPREME PLUS 5W30 is a synthetic "mid-saps" engine oil from the latest generation, especially developed for the lubrication of Euro 4 gasoline and diesel engines, that are equipped with exhaust gas after treatment devices, like diesel particulate filters (DPF).

It is fully backwards compatible for engines of previous generations (Euro 1, 2 or 3).

ADVANTAGES :

- ✓ Excellent oxydation resistance.
- ✓ Very low resistance at start.
- ✓ Allows the longest oil drain intervals.
- ✓ Very high thermal stability.
- ✓ Low levels of sulphated ash, sulphur and phosphorus.

SPECIFICATIONS :

API	SM (SL, SJ)/CF
ACEA	A3-04/B3-04/B4-04, C3-04
VW	502.00 / 505.00
MB	229.51, 229.31
BMW	LL-04

APPLICATIONS :

- ✓ 4-stroke gasoline engines, multi-valves, turbo.
- ✓ 4-stroke diesel engines, with or without turbo.

TYPICAL CHARACTERISTICS :

Test	Method	Unit	Average result
SAE-class			5W30
Density at 15°C	D 4052	kg / m ³	848
Viscosity at 40°C	D 445	cSt	74,3
Viscosity at 100°C	D 445	cSt	12,4
Viscosity at -30°C	D 5293	cP	6060
Viscosity index	D 2270		166
Pour point	D 97	°C	-39
TBN	D 2896	g KOH/kg	7,8
HT/HS viscosity	D 4741	cP	3,6
Loss by evaporation	NOACK	mass %	7,9
Sulphated ash	D 874	mass %	0,8

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.