



## **FP MOTORÖL LS C4 5W-30**

### **FULLY SYNTHETIC**

#### **PRODUCT DESCRIPTION:**

FP MOTORÖL LS C4 5W-30 is a high-performance low SAPS synthetic engine oil formulation which complies with the demanding requirements of Euro IV and Euro V exhaust emission legislations. It is designed to offer reliable long-life engine protection and performance in gasoline and diesel passenger cars and diesel light vans with Three Way Catalysts (TWC) or Diesel Particulate Filters (DPF).

#### **APPLICATION:**

FP MOTORÖL LS C4 5W-30 is suitable for gasoline and diesel passenger cars or light diesel vehicles - with or without turbo chargers. It is specifically designed for ACEA C4, typically used by Renault, in addition to ACEA C3. It is also used for engines that require oil meeting MB 226.51 and MB 229.51 specifications.

#### **FEATURES & BENEFITS:**

- Excellent soot and sludge control resulting in cleaner engines and reduces fuel consumption
- Low SAPS formulation helps protect TWCs and DPFs.
- Outstanding low temperature fluidity for cold start protection.
- Good TBN retention and viscosity increase control.
- Robust antiwear additive technology for engine wear protection.

#### **PERFORMANCE LEVELS: Meets or Exceeds:**

- ACEA C4
- API SN/CF
- Renault RN 0720
- MB 226.51/229.51

#### **TYPICAL PROPERTIES:**

PARAMETERS	ASTM	UNIT	RESULT
Grade			5W-30
Kinematic Viscosity@ 104°F /40°C	ASTM D7042	cSt	58.65
Kinematic Viscosity@ 212°F /100°C	ASTM D7042	cSt	10.4
Viscosity Index	ASTM D2270	-	169
SP. Gravity @15°C/60°F	ASTM D4052	g/cm <sup>3</sup>	0.848
Flash Point	ASTM D92	°C	226
Pour Point	ASTM D97	°C	-39
TBN	ASTM D2896	mg KOH/g	8.0
CCS, (°C)	ASTM D5293	m.Pa.S	<6600 (-30°C)

#### **HEALTH & SAFETY, ENVIRONMENT:**

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point.