



## **FP MOTORÖL PLATINUM 10W-30 CH-4**

### **SEMI SYNTHETIC**

#### **PRODUCT DESCRIPTION:**

FP MOTORÖL PLATINUM CH-4 is a semi synthetic is heavy-duty diesel engine oil which helps to protect against the buildup of piston deposits for continuous engine efficiency. It exceeds performance limits in piston ring, cylinder liner and valve train wear tests for long engine life.

#### **APPLICATION:**

FP MOTORÖL PLATINUM CH-4 is recommended for all types of diesel and gasoline engines where the manufacturer specifies the API service CH-4/SJ. They are especially suited for use in low temperature environments where extreme pumpability properties are required. These Oils are also suitable for on-road and off-road applications, including equipment that are exposed to extreme low temperature operations. This oil is suitable for use in moderate to high Sulphur content fuel.

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

- Improved oxidation stability to minimize deposit formation.
- Higher TBN to extend protection from acids caused by combustion
- Better protection against valve train wear.
- Improved low temperature performance.
- Potential fuel economy improvement compared to conventional CH-4 heavy duty engine oils.

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

API CH-4/SJ, DTFR 15B110, MAN 3275, ACEA E7, A3/B3/B4, VOLVO VDS-2, Renault RLD2, MTU Type 2, JASO DH1, Mack EO-M/EO-L, Cummins CES 20076, DFS 93K215, DQC III-10

#### **TYPICAL PROPERTIES:**

PARAMETERS	ASTM	UNIT	RESULT
Grade			10W-30
Kinematic Viscosity@ 104°F /40°C	ASTM D7042	cSt	62.6
Kinematic Viscosity@ 212°F /100°C	ASTM D7042	cSt	10.4
Viscosity Index	ASTM D2270	-	155
SP. Gravity @15°C/60°F	ASTM D4052	g/cm <sup>3</sup>	0.868
Flash Point	ASTM D92	°C	218
Pour Point	ASTM D97	°C	-36
TBN	ASTM D2896	mg KOH/g	10.5
CCS, (°C)	ASTM D5293	m.Pa.S	<7000(-25°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.