



## **FP MOTORÖL XTREME HD 10W-30 FA-4**

### **FULLY SYNTHETIC/SEMI SYNTHETIC**

#### **PRODUCT DESCRIPTION:**

FP MOTORÖL XTREME HD FA-4 is the most advanced lubricant technology for fuel efficient engines equipped with emission after-treatment devices calling for API FA-4. It is specifically formulated for on-highway applications, including certain 2017 greenhouse gas compliant diesel engines to meet lower CO<sub>2</sub> emission and improved fuel economy, in addition to EPA 2010 compliant low emission diesel engines with SCR (Selective Catalytic Reduction), DPF (Diesel Particulate Filter), and EGR (Exhaust Gas Recirculation) systems.

#### **APPLICATION:**

Recommended for heavy duty diesel engines with turbo-charger, direct injection and low emission designs.

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

- Exceptional Soot dispersancy and wear control.
- Optimum DPF (Diesel Particulate Filter) life
- Exceptional cold start protection.
- Excellent shear stability.
- Improved oxidation stability.
- Best-in-class engine cleanliness.

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

©	10W-30
API	FA-4/SN
JASO	DH-2
MB	228.61 v17
Cummins	20087
DDC	93K223

#### **TYPICAL PROPERTIES:**

PARAMETERS	ASTM	UNIT	RESULT
Grade			10W-30
Kinematic Viscosity@ 104°F /40°C	ASTM D7042	cSt	60.53
Kinematic Viscosity@ 212°F /100°C	ASTM D7042	cSt	10.0
Viscosity Index	ASTM D2270	-	152
SP. Gravity @15°C/60°F	ASTM D4052	g/cm <sup>3</sup>	0.868
Flash Point	ASTM D92	°C	224
Pour Point	ASTM D97	°C	-36
TBN	ASTM D2896	mg KOH/g	10
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.