



FP MOTORÖL XTREME 10W-40 CK-4

FULLY SYNTHETIC/SEMI SYNTHETIC

PRODUCT DESCRIPTION:

FP MOTORÖL XTREME CK-4 Series are advanced synthetic heavy-duty diesel engine oils that is specifically engineered to deliver longer oil drain intervals. It helps extend engine life in the most severe on and off-highway applications while delivering outstanding performance in modern high output low-emission engines fitted with EGR. Momenta Platinum HD is also compatible with the latest exhaust aftertreatment systems such as DPF, DOC and SCR. The exceptional low temperature fluidity and pumpability in combination with the sophisticated additive system, ensures maximum engine wear protection and supports longer engine life.

APPLICATION:

FP MOTORÖL XTREME CK-4 Series is recommended for heavy-duty diesel engines including Euro V/VI modern low emission vehicles, utilizing technologies such as Diesel Particulate Filter (DPF), Selective Catalytic Reduction (SCR), Continuously Regenerating Traps (CRT), Diesel Oxidation Catalysts (DOC) and Exhaust Gas Recirculation (EGR). It is also recommended for High-performance diesel applications including turbo-charged designs featuring EGR technology and diesel applications using older, naturally aspirated conventional designs. Onhighway heavy-duty trucking and off-highway including construction, mining, quarrying, and agriculture.

FEATURES & BENEFITS:

- Excellent control of oil thickening due to soot buildup
- Outstanding TBN retention for long drain intervals.
- Outstanding resistance to oil consumption, oxidation, corrosive and abrasive wear.
- Designed to control aeration exceptionally
- Excellent shear stability
- Improved oxidation stability

PERFORMANCE LEVELS: Meets or Exceeds:

API CK-4/SN, CAT ECF-3, ACEA E9/E7-16, MB 228.31, MTU OIL Category 2.1, VOLVO VDS-4.5, MACK EOS-4.5/FORD WSS -M2C171-F1, MAN 3275/3575, Detroit Diesel Power Guard 93K222, Renault VI RLD-4, CUMMINS CES 20086, Duetz DQC III-10 LA/JASO DH-2

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	RESULT
Grade			10W-40
Kinematic Viscosity@ 104°F /40°C	ASTM D7042	cSt	96
Kinematic Viscosity@ 212°F /100°C	ASTM D7042	cSt	14.4
Viscosity Index	ASTM D2270	-	155
SP. Gravity @15°C/60°F	ASTM D4052	g/cm ³	0.870
Flash Point	ASTM D92	°C	226
Pour Point	ASTM D97	°C	-39
TBN	ASTM D2896	mg KOH/g	9.6
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.