



FP MOTORÖL ULTIMATE 5W-30 CJ-4

FULLY SYNTHETIC

PRODUCT DESCRIPTION:

FP MOTORÖL ULTIMATE 5W-30 CJ-4 is a synthetic, high-performance heavy-duty diesel engine oil that helps extend engine life and improve fuel economy in modern diesel engines operating in severe conditions. Momenta Nano Plus meets the API CJ-4 specification utilizing state-of-the-art technology to deliver exceptional performance in modern low emission engines, including those with Exhaust Gas Recirculation (EGR), After-Treatment Systems with Diesel Particulate Filters (DPF's) and Diesel Oxidation Catalysts (DOC's).

APPLICATION:

MOTORÖL ULTIMATE 5W-30 CJ-4 is recommended for use in 4-stroke diesel engines, including modern low emission engines with Exhaust Gas Recirculation (EGR), After-Treatment systems with Diesel Particulate Filters (DPF's) and Diesel Oxidation Catalysts (DOC's). Recommended for on-highway engines operating in both high speed / high load and stop-and go conditions, and Off-highway engines operating in severe low speed/heavy load conditions. Also suitable for high-performance gasoline engines and mixed fleets.

FEATURES & BENEFITS:

- Prevents premature DPF plugging and shortened maintenance intervals
- Minimizes piston and combustion chamber deposits
- Fights Sludge and Varnish
- Excellent against engine wear due to soot formation
- Excellent oxidation, foam, and corrosion inhibition
- Provides faster, and safe starts during extreme temperatures and increases thermal and oxidation stability at extreme high temperatures
- Extended engine life

PERFORMANCE LEVELS: Meets or Exceeds:

API CJ-4/SN, CAT ECF-3, ACEA E9/E7, MB 228.31, MTU OIL Category 2.1, VOLVO VDS-4, MACK EO-O Premium Plus, MAN M3575, Detroit Diesel Power Guard 93K218, Duetz DQC-III-10 LA, CUMMINS CES 20081/77/76, Renault VI RLD-3

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 ³	0.848
Flash Point	ASTM D92	°C	216
Pour Point	ASTM D97	°C	-39
TBN	ASTM D2896	mg KOH/g	10
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.