



## **FP MOTORÖL ULTIMATE 15W-40 CJ-4 MINERAL**

### **PRODUCT DESCRIPTION:**

FP MOTORÖL ULTIMATE 15W-40 CJ-4 is a premium diesel engine oil formulated with highly refined base stocks and advanced technology additives to provide reliable engine performance in the latest emission designs, including those with Exhaust Gas Recirculation (EGR) systems and after treatment systems with Diesel Particulate Filters (DPF) and Diesel Oxidation Catalyst (DOC), as well as satisfying the needs of older engines. It may be used in naturally aspirated and turbocharged diesel & petrol engines and On & Off highway applications, providing excellent protection even under the most strenuous conditions.

### **APPLICATION:**

FP MOTORÖL ULTIMATE 15W-40 CJ-4 is recommended for new advanced diesel powered engines in trucks, marine industries, heavy-duty construction equipment, mining equipment, farm vehicles, passenger cars, operating under severe conditions and subjected to wide variations in climatic conditions, in all types of on-road and off-road service. They are also recommended for gasoline engines in pick-up trucks, sport utility vehicles and mixed fleets.

### **FEATURES & BENEFITS:**

- Reduces friction and wear, extending engine life.
- Resists breakdown at high temperatures, ensuring longer oil life and improved engine performance.
- Prevents sludge and carbon buildup, ensuring smoother engine operation and less frequent maintenance.
- Suitable for use in both on-highway and off-highway diesel engines, including those with turbochargers and intercoolers.
- Meets the latest industry standards for modern diesel engines, offering optimal protection and performance.

### **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, Renault VI RLD-3, Detroit Diesel Power Guard 93K218, MAN M 3575, CUMMINS CES 20081/76/77, FORD WSS-M2C171-F1

### **TYPICAL PROPERTIES:**

PARAMETERS	ASTM	UNIT	RESULT
Grade			15W-40
Kinematic Viscosity@ 104°F /40°C	ASTM D7042	cSt	120
Kinematic Viscosity@ 212°F /100°C	ASTM D7042	cSt	15.4
Viscosity Index	ASTM D2270	-	134
SP. Gravity @15°C/60°F	ASTM D4052	g/cm <sup>3</sup>	0.875
Flash Point	ASTM D92	°C	230
Pour Point	ASTM D97	°C	-33
TBN	ASTM D2896	mg KOH/g	10.0
CCS, (°C)	ASTM D5293	m.Pa.S	<7000(-20°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.