

### MAGNA CK-4 FE 10W-30

#### PRODUCT DESCRIPTION

Vertex Magna CK-4 FE 10W-30 is a premium performance, multigrade, heavy-duty diesel engine oil specifically designed for new low emission engines with Ultra Low Sulphur Diesel Fuel (ULSD). It is formulated using advanced additive technology to provide outstanding engine protection for EURO VI emission standards for on highway diesel trucks employing after exhaust treatment systems such as DPF and SCR. The product meets the latest stringent EGR soot control and particulate requirements. It is also recommended a wide range of diesel and gasoline engines requiring API CK-4, ACEA E9 performance levels in vehicles operating under the most severe service conditions. Backward compatibility to API CI-4 can service a wide range of vehicles. Magna CK-4 FE 10W-30 can service naturally aspirated, turbocharged and modern electronically controlled / low emission diesel engines. Excellent soot dispersion and wear control keeps cylinders, pistons, rings, and injectors well protected against wear and corrosion, extending in service operation. High level anti-wear additives protect against valve train wear and scuffing of highly loaded parts operating under high load conditions.

#### APPLICATIONS & BENEFITS

- Suitable for mixed fleets and all naturally aspirated and turbocharged four-stroke diesel engines and four-stroke gasoline engines where an API CK-4 grade is recommended.
- Developed in response to EURO VI emissions standard.
- Formulated for superior performance with ULSD but with a high TBN of 9.8 ensures safe operation with both normal and low sulphur diesel fuels.
- It is recommended for use in off-highway and construction applications requiring an API CK-4 Service Category.
- Meets major diesel engine manufacturers requirements.
- Mixed fleets of both diesel and gasoline engines.
- Mixed fleets including both old and new equipment.
- Commercial road transport, including the latest electronic controlled engines.
- Stop-and-go vehicles in high soot loading service such as buses and waste collection trucks.

#### PACK SIZES AVAILABLE

1L - 5L - 20L - 200L - 1000L IBC

#### SPECIFICATIONS

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| <ul style="list-style-type: none"><li>• API CK-4</li><li>• ACEA E7, E9</li><li>• Caterpillar ECF-3</li><li>• Cummins 20086, 20087</li><li>• Daimler MB 228.31</li><li>• Deutz DQC III-10 LA</li><li>• DDC 93K222, DDC 93K223</li></ul> | <ul style="list-style-type: none"><li>• Ford WSS-W2C171-F1</li><li>• Mack EOS-4.5</li><li>• MAN M3275, M3575, M3775</li><li>• MTU CATEGORY 2.1</li><li>• Renault RLD-4</li><li>• Volvo VDS-4.5</li><li>• JASO DH-2</li></ul> |
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### TYPICAL CHARACTERISTICS

MAGNA CK-4 FE 10W-30	UNITS	VALUES
VISCOSITY	cSt @ 40°C	65.8
	cSt @ 100°C	9.82
SPECIFIC GRAVITY	@ 15°C	0.8740
VISCOSITY INDEX		132
POUR POINT	°C	-27
FLASH POINT	°C	220
TBN, mg KOH/g		9.8
HTHS	cP	≤ 4.0

### ADDITIONAL INFORMATION

Designed for New Zealand Conditions | Manufactured from virgin base stocks. For more technical information please contact Vertex Lubricants NZ Technical Dept. +64 9 640 0004. Sheet updated 27 June 2023.