

# MAX-PRO 15W40 CK-4 PREMIUM MINERAL DIESEL ENGINE OIL

### TECHNICAL DATA SHEET

# **Product Description**

Veedol Max-Pro 15W-40 is a premium high performance diesel engine oil meeting the latest API specification CK-4. Veedol Max-Pro 15W-40 is specially formulated with new generation high performance additive technology in order to meet the stringent requirements of new API CK-4 performance category.

Veedol Max-Pro 15W-40 is recommended for use in a wide range of heavy-duty applications delivering longer oil life, enabling longer service intervals even under severe operating conditions. Veedol Max-Pro 15W-40 CK-4 is fully backward compatible and delivers exceptional performance in both newer and older heavy duty engine designs. It is effective at sustaining emission control system durability where particulate filters and other advanced after-treatment systems are used. It is formulated for use in all applications with diesel fuel sulphur content ranging from ultra low to 500 ppm.

Veedol Max-Pro 15W-40 CK-4 oil is designed to provide enhanced protection against oil oxidation, viscosity loss due to shear, and oil aeration as well as protection against catalyst poisoning, particulate filter blocking, engine wear, piston deposits, degradation of low- and high-temperature properties, and soot-related viscosity increase.

## **Performance Specifications:**

Meets or exceeds API CK-4, CJ-4, Cl-4 Plus, Cl-4, CH-4 | API SN, SM, SL, SJ | ACEA E-9-2012, E7 | Mack EOS 4.5, EO-O Premium Plus, EO-N | Volvo VDS 4.5, VDS 4, VDS 3 | Caterpillar ECF-3, ECF-2 | Cummins CES 20086, CES 20081 | Detroit Diesel DFS 93K222, DFS 93K218 | Daimler MB 228.31 | Ford WSS M2C171-F1 | MAN M 3575 | MTU Category 2.1 | Allison TES 439 | Renault RLD-4, RLD-3

#### Features/Benefits:

- Improved oxidation and wear control provides superior performance in extreme conditions
- Excellent soot and viscosity control for greater engine efficiency and longer oil life
- · Reduced oil consumption
- · Meets demanding specifications of key diesel OEMs
- Exceptional cold temperature properties including easy startup
- · Good piston cleanliness, lesser deposits
- Excellent control over valve-train and bore polishing wear
- Overall enhanced wear & corrosion protection for reduced maintenance cost and longer engine life
- Compatible with API CJ-4 engine oils and older
- Low ash formulation meeting API CK-4 / CJ-4 requirements



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# **Typical Properties**

		ASTM Method	SAE 15W-40 CK-4
Viscosity Index		D 2270	137
Kinematic Viscosity			
	cSt @40°C	D 445	118.9
	cSt @100°C	D 445	15.5
Pour Point, °C		D 97	-36
Flash Point, °C		D92	236
Cold Cranking Viscosity, Cp	@-20°C		6490
Neutralization Index, TBN	·	D-2896	10.1

Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing.

# **Health and Safety**

Veedol Max-Pro 15W40 Diesel Engine Oil is made with highly quality refined Virgin base oils and premium additives. As with any petroleum product, careful handling and good hygiene should be practised. Avoid prolonged skin exposure, splashing into eyes or ingestion. For more information, please consult our Material Safety Data Sheet (MSDS) which you can find at www.asaveedol.com

