

POWEROIL ENGINE DEO 20W-50 Diesel Engine Oil

POWEROIL ENGINE DEO 20W-50 is a multi-grade Diesel Engine Oil exceeding the requirements of naturally aspirated engines and some turbo-charged diesel engines. It can be used in trucks, tractors & stationary engines where this type performance level is required. The multi-grade span is adequate for most climatic conditions, except those of very low temperatures.

Benefits

- **Reduced wear on engine parts increasing engine life:** The engine oil has good anti-wear properties that remain fully active throughout the period of service, thus keeping the engine in the best possible condition.
- **Demonstrates excellent control on oil thickening:** The product maintains solid products of combustion in suspension until the next oil change, thereby preventing the formation of dangerous deposits in the sump.
- **Excellent detergency keeping your engine clean:** The engine oil keeps the hottest parts of the engine such as pistons and piston rings clean. These properties are ensured by a special combination of exclusive additives with synergic antioxidant and detergent properties. Deposit formation due to degraded lubricant components and combustion residues is thus minimized.
- **The Multi-grade characteristics** of this product make it perfectly suitable for diesel engines operating under a wide range of climatic conditions. It retains a considerable viscosity (SAE 50) at high temperatures, while remaining sufficiently fluid at low temperatures to ensure easy starting down to about -10 °C (SAE 20W).

Applications

Recommended for use in trucks, tractors and stationary engines with diesel engines.

Performance Specifications

POWEROIL ENGINE DEO 20W-50 is API licensed for **API CH-4** specification.

Typical Characteristics

POWEROIL ENGINE DEO 20W-50		
TEST PARAMETERS	METHOD	TYPICAL VALUES
Density @29.5°C. gm/cc	ASTMD 1298	0.886
Kin. Viscosity @40°C, cst	ASTM D 445	164.3
Kin. Viscosity @100°C, cst	ASTM D 445	18.35
Viscosity Index	ASTM D 2270	125
Flash Point, °C	ASTM D 92	232
Pour Point, °C	ASTM D 97	-21
TBN, mgKOH/gm	ASTM D2896	8.56
CCS @-15°C ,cp	ASTM 5293	5288

Note: Always consult your owner's manual to check for recommended viscosity grade and specifications of oil for your particular vehicle.



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