# HEAVY DUTY DIESEL SAE 20W-50 ENGINE OIL



A SUPER LONG DRAIN DIESEL ENGINE OIL API SERVICE API CI-4/SL

### A PRODUCT OF ROADVIEW® ENERGY

# **Product Description**

HDDEO SAE 20W-50 is designed to meet the warranty requirements of most manufacturers of Heavy Duty Diesel engines operating on high sulfur fuels. The high alkaline reserve (TBN) effectively protects bearings and other engine surfaces from the corrosive effect of acids formed by the combustion of high sulfur fuels. Extended drain service where ever recommended by original equipment manufacturers (OEMs).

This motor oil is a synthetic blend of highly refined base oils and specially selected additives designed to provide excellent performance in all recommended applications. Contains effective detergent-dispersant to keep sludge and varnish deposits to a minimum. Additionally fortified with oxidation-corrosion inhibitors, high temperature anti-wear additives and foam inhibitors, to protect vital engine parts from scuffing and protect bearings from corrosion.

# **Advantages**

- Exceeds the Service Classifications CI-4/SL,
- Exceeds MB 228.3, Volvo VDS and CCMC D5 requirements.
- Recommended for all turbo-charged engines where manufacturer specified a CI-4/SL CH-4/CG-4, CE, CF-4, CF.

#### **Features**

- High TBN/Alkaline Reserve Effectively neutralizes corrosive acids to protect bearings and other vital engine surfaces.
- Highly oxidation stable Protects engine against sludge and varnish deposits.
- High alkaline reserve permits extending drain interval to maximum allowed by engine manufacturer.
- Effective anti-scuff additive protects cam lobes and other highly loaded parts from wear.

# **Typical Test Data**

Product Code: 22523

| TEST, GRADE      | ASTM   | 0W-30          |  |
|------------------|--------|----------------|--|
| Gravity, °API    | D-287  | 30.7           |  |
| Flash Point, °C  | D-92   | 227            |  |
| Pour Point, °C   | D-97   | -36            |  |
| Viscosity:       |        |                |  |
| cSt @ 100 °C     | D-445  | 19.4           |  |
| CCS @ - 15°C, cP | D-5293 | 8,000          |  |
| Viscosity Index  | D-2270 | >120           |  |
| Appearance       | Visual | Bright & Clear |  |
| Color            | D-1500 | 3.0            |  |
| Phos. WT. %      | D-4927 | 0.13           |  |
| Zinc. WT. %      | D-4927 | 0.11           |  |
| Foam Sequence I, | D-892  | 0/0            |  |
| · II,            |        | 0/0            |  |
| III,             |        | 0/0            |  |
| TBN              | D-2896 | 10             |  |
|                  |        |                |  |

<sup>\*</sup> Minor variations in product typical test data are to be expected in normal manufacturing.

## **TECHNICAL PRODUCT INFORMATION**