



## LUBENZ DIAMOND HDEO 7000 15W40 CF/SF

High Performance Multigrade Diesel Engine Oil

### Product Data Sheet

#### Product Description & Application

LUBENZ DIAMOND HDEO 7000 15W40 CF/SF diesel engine oil is formulated with high quality base stocks and selected additives to ensure optimum performance and protection for diesel engines requiring an API CF-4 specification. Suitable for diesel engines for both turbocharged and normally aspirated engines operating under severe service conditions in all seasons.

#### Features & Benefits

- Good oxidation & thermal stability reduces sludge build up and keeps the engine cleaner.
- Optimum wear protection to extend engine efficiency and service life.
- Improved fuel economy, due to high fluidity at low temperatures.
- Reduced oil consumption at high operating engine temperatures.
- Improved resistance to deposit formation keeps engine clean to give your vehicle maximum power under extreme operating conditions.
- Optimum TBN reserves provide improved acid neutralization and corrosion protection, especially in old heavy duty diesel engines.

#### Specifications

LUBENZ DIAMOND HDEO 7000 15W40 meets or exceeds following International and Builder specifications:

- API CF-4, CF/SF, SJ
- ACEA E2
- MTU OIL Category-1
- MAN 270/271
- VOLVO VDS
- Deutz DQC –I-05
- MB 228.0/1

#### Typical Characteristics

| LUBENZ DIAMOND HDEO 7000 | Test Method | Units    | 15W-40        |
|--------------------------|-------------|----------|---------------|
| Density @ 15 °C          | ASTM D 4052 | gm/cc    | 0.884         |
| Viscosity @ 100 °C       | ASTM D 445  | cSt      | 15.4          |
| Viscosity @ 40 °C        | ASTM D 445  | cSt      | 120           |
| Viscosity Index          | ASTM D 2270 | -        | 134           |
| Pour Point               | ASTM D 97   | °C       | -30           |
| Flash Point (COC)        | ASTM D 92   | °C       | 230           |
| Total Base Number        | ASTM D 2896 | mg KOH/g | 8.0           |
| CCS Viscosity            | ASTM D 5293 | cP       | 6000 @ -20 °C |

*The above figures are typical of blends with normal production tolerance and do not constitute a specification.*