LUBENZ DIAMOND HDEO 7000 CD/SF, CC/SC series

High Performance Multigrade Diesel Engine Oils

Product Data Sheet

Product Description

LUBENZ DIAMOND HDEO 7000 is a range of diesel engine oils formulated with premium quality base stocks and selected additives to ensure optimum performance and protection for diesel engines requiring an API CD/SF specification. Suitable for heavy duty, high output diesel engines including supercharged units to provide excellent protection of engines against high temperature piston deposits, wear, corrosion and foaming under severe operating conditions.

Features & Benefits

- Better resistance to shearing at extreme operating conditions and retains its lubrication film.
- Good oxidation & thermal stability reduces sludge build up and keeps the engine cleaner.
- Optimum wear protection to extend engine efficiency and service life.
- Reduced oil consumption at high operating engine temperatures.
- Improved resistance to deposit formation helps keep engine clean.
- Optimum TBN reserves provide improved acid neutralization and corrosion protection, especially in old heavy duty diesel engines.

Specifications

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

- API CD/SF, CC/SC

Application

- Suitable for use in heavy duty 4-stroke turbocharged and naturally aspirated diesel engines.
- It can be used in both On-highway light and heavy duty trucks & construction and mining equipment, where high or low sulfur diesel is used.

Typical Characteristics

LUBENZ DIAMOND HDEO 7000	Test Method	Units	15W-40	15W-50	20W-40	20W-50
Density @ 15 ^{0}C	ASTM D 4052	gm/cc	0.878	0.865	0.888	0.890
Viscosity @ 100 ^{0}C	ASTM D 445	cSt	14.30	18.5	14.30	20.4
Viscosity @ 40 ^{0}C	ASTM D 445	cSt	100	129	107	175
Viscosity Index	ASTM D 2270	-	147	162	137	136
Pour Point	ASTM D 97	°C	-33	-42	-30	-30
Flash Point (COC)	ASTM D 92	°C	230	230	230	236
Total Base Number	ASTM D 2896	mg KOH/g	7.5	7.5	7.5	7.5
CCS Viscosity	ASTM D 5293	cP	5600 @ -20 °C	5800 @ -20 °C	6020 @ -15 °C	6060 @ -15 °C

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