



DEOTEC LDF3 SYNTHETIC

PRODUCT DESCRIPTION:

DEOTEC LDF3 is a synthetic, extra high-performance diesel engine oil formulated to deliver superior lubrication and protection for modern, high-performance diesel engines operating in demanding on- and off-highway conditions. It is crafted with premium base oils and fortified with an advanced additive system, enabling extended drain intervals for modern diesel engines. DEOTEC LDF3 is recommended for Euro VI and earlier engine models from most leading manufacturers.

APPLICATION:

It is suitable for use in highly rated diesel engines meeting Euro I to Euro VI emission requirements. It is suitable for engines without Particulate Filters, for some EGT engines and some engines fitted with SCR Nox reduction systems.

FEATURES & BENEFITS:

- Extra long drain engine oil
- Full film lubrication at operating temperatures
- Excellent low temperature flow properties for startup and cold weather use
- Outstanding soot control
- Exceptional engine cleanliness
- Outstanding anti-wear, oxidation control and friction control

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- API CF
- ACEA E7/E4
- DTRF 15B120/235.28
- Scania LDF-3
- DAF Extended Drain
- MAN M 3277
- Cummins CES 20077
- Renault RLD2/RXD
- MTU Type 3
- Mack EO-M Plus
- DEUTZ DQC III-10
- Volvo VDS-3
- FORD WSS-M2C212-A1
- VOITH Class B
- IVECO

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	DEOTEC LDF3
Grade			10W-40
Kinematic Viscosity @ 104°F /40°C	D7042	cSt	TBR
Kinematic Viscosity @ 212°F/100°C	D7042	cSt	15.3
Viscosity Index (min)	D2270	-	145
Density@15°C/ 60°F	D4052	g/cm ³	TBR
Flash Point (min)	D92	°C	220
Pour Point (max)	D97	°C	-36
TBN	D2896	mg KOH/g	15.5
CCS	D5293	m.Pa.S	<7000 (-25°C)

DISCLAIMER: The test data provided above is for reference purposes and is not a strict specification, as variations within acceptable production tolerances may occur. Phoenix reserves the right to update or revise this test data. For the most accurate and up-to-date information, please consult the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website Phoenixlubricants.com