



DEOTEC PREMIUM PLUS FULLY SYNTHETIC

PRODUCT DESCRIPTION:

DEOTEC PREMIUM PLUS is a synthetic, high-performance heavy-duty diesel engine oil that helps extend engine life and improve fuel economy in modern diesel engines operating in severe conditions. DEOTEC PREMIUM PLUS meets the API CJ-4 specification utilizing state-of-the-art technology to deliver exceptional performance in modern low emission engines, including those with Exhaust Gas Recirculation (EGR), After-Treatment Systems with Diesel Particulate Filters (DPF's) and Diesel Oxidation Catalysts (DOC's).

APPLICATION:

DEOTEC PREMIUM PLUS is recommended for use in 4-stroke diesel engines, including modern low emission engines with Exhaust Gas Recirculation (EGR), After-Treatment systems with Diesel Particulate Filters (DPF's) and Diesel Oxidation Catalysts (DOC's). Recommended for on-highway engines operating in both high speed / high load and stop-and-go conditions, and Off-highway engines operating in severe low speed/heavy load conditions. Also suitable for high-performance gasoline engines and mixed fleets.

FEATURES & BENEFITS:

- Prevents premature DPF plugging and shortened maintenance intervals
- Minimizes piston and combustion chamber deposits
- Fights Sludge and Varnish
- Excellent against engine wear due to soot formation
- Excellent oxidation, foam, and corrosion inhibition
- Provides faster, and safe starts during extreme temperatures and increases thermal and oxidation stability at extreme high temperatures
- Extended engine life

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- API CJ-4/SN
- ACEA E9/E11
- DTFR 15B1101
- Caterpillar ECF-3
- MAN M3477
- VOLVO VDS-4
- Renault RLD3
- DDC 93K218
- Mack EO-O PP
- Cummins CES 20081
- DEUTZ DQC III-18 LA
- FORD WSS-M2C171-F1

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	DEOTEC PREMIUM PLUS			
			0W-30	0W-40	5W-30	5W-40
Grade			0W-30	0W-40	5W-30	5W-40
Kinematic Viscosity @ 104°F /40°C	D7042	cSt	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	D7042	cSt	11.8	14.9	11.8	15
Viscosity Index (min)	D2270	-	160	170	160	160
Density@15°C/ 60°F	D4052	g/cm3	TBR	TBR	TBR	TBR
Flash Point (min)	D92	°C	220	220	220	220
Pour Point (max)	D97	°C	-39	-39	-39	-39
TBN	D2896	mg KOH/g	9.9	9.9	9.9	9.9
CCS	D5293	m.Pa.S	<6200 (-35°C)	<6200 (-35°C)	<6600 (-30°C)	<6600 (-30°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