



DEOTEC TITANIUM

FULLY SYNTHETIC / SEMI SYNTHETIC

PRODUCT DESCRIPTION:

DEOTEC TITANIUM is the most advanced lubricant technology for fuel efficient engines equipped with emission after-treatment devices calling for API FA-4. It is specifically formulated for on highway applications, including certain 2017 greenhouse gas compliant diesel engines to meet lower CO2 emissions and improved fuel economy, in addition to EPA 2010 compliant low emissions diesel engines with SCR (Selective Catalytic Reduction), DPF (Diesel Particulate Filter), and EGR (Exhaust Gas Recirculation) systems.

APPLICATION:

Recommended for heavy duty diesel engines with turbo-charger, direct injection and low emission designs.

FEATURES & BENEFITS:

- Enhanced fuel economy
- Extended drain interval
- Excellent oxidation stability
- Emission system protection
- Bio fuel compatible
- Unsurpassed wear protection

PERFORMANCE LEVELS: Meets or Exceeds:

- API FA-4/SN
- JASO DH-2
- MB 228.61 v17
- Cummins 20087
- DDC 93K223

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	DEOTEC TITANIUM	
			5W-30	10W-30
Grade			5W-30	10W-30
Kinematic Viscosity @ 104°F /40°C	D7042	cSt	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	D7042	cSt	10.0	9.9
Viscosity Index (min)	D2270	-	160	145
Density@15°C/ 60°F	D4052	g/cm ³	TBR	TBR
Flash Point (min)	D92	°C	220	220
Pour Point (max)	D97	°C	-39	-36
TBN	D2896	mg KOH/g	10	10
CCS	D5293	m.Pa.S	<6600 (-30°C)	<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