



DEOTEC TURBO MINERAL

PRODUCT DESCRIPTION:

DEOTEC TURBO mineral engine oils are formulated for mixed fleet operations. It is blended with an optimized combination of base oil and balanced additive system. Suitable for diesel and naturally aspirated gasoline engines used in trucks and passenger cars operating under harsh driving conditions. DEOTEC TURBO provides exceptional thermal stability at high temperatures.

APPLICATION:

Recommended for modern heavy duty engines, wide range of turbo-charged or naturally aspirated diesel engines, generators, trucks, construction cars, passenger cars or mixed car group comprising diesel and gasoline cars. It is recommended for automotive diesel engine of passenger cars and light commercial vehicles where the OEM recommends API CF or earlier specification.

FEATURES & BENEFITS:

- Provides high thermal stability and oil oxidation resistance
- High control over wear, rust and corrosion to ensure long life of engine parts
- Provide a high standard of piston cleanliness
- Improved fuel economy and filterability
- Longer maintenance intervals and oil change period
- Excellent fluidity at low temperatures ensures good starting
- Properly balanced detergency and dispersancy ensures a clean engine

PERFORMANCE LEVELS: Meets or Exceeds:

- API CF/SF
- ACEA E2-96/A3/B3
- MB 228.2
- MIL-L-2104E
- CAT TO-2
- MAN 270
- MTU TYPE 1
- ALLISON C4

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	DEOTEC TURBO							
			15W-40	15W-50	20W-50	20W-60	30	40	50	60
Grade										
Kinematic Viscosity @ 104°F /40°C	D7042	cSt	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	D7042	cSt	15.4	15.2	20.5	24.2	11.2	15.5	20.5	24.1
Viscosity Index (min)	D2270	-	135	135	120	120	95	95	95	95
Density@15°C/ 60°F	D4052	g/cm ³	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	D92	°C	220	220	220	220	220	220	220	220
Pour Point (max)	D97	°C	-33	-33	-24	-24	-9	-9	-9	-9
TBN	D2896	mg KOH/g	8	8	8	8	8	8	8	8
CCS	D5293	m.Pa.S	<7000 (-20°C)	<7000 (-20°C)	<9500 (-15°C)	<9500 (-15°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

