



PHOENIX

Diesel Engine Oil



Technical Data Sheet



DEOTEC X-TRA

FULLY SYNTHETIC

PRODUCT DESCRIPTION:

DEOTEC X-TRA is fully synthetic diesel engine oil designed for the most severe performance requirements of highly powered turbocharged engines of leading automobile companies. This oil is fuel saving and reduces maintenance expenses for machines and engines. Resists oil thickening and the formation of carbon, varnish and sludge deposits. Helps prolong engine life.

APPLICATION:

Recommended for modern heavy duty engines, wide range of turbo-charged or naturally aspirated diesel engines as well as all kinds of gasoline engines, generators, trucks, construction cars, passenger cars or mixed car group comprising diesel and gasoline cars. The oil is suitable for high speed, four stroke cycle diesel engines used on heavy duty applications. This oil is also an excellent choice for mixed fleet services.

FEATURES & BENEFITS:

- Fuel saving and reduces maintenance expenses for machines and engines.
- Very long oil changing period.
- Resists oil thickening and the formation of carbon, varnish and sludge deposits.
- Good viscosity control.
- Prolonged engine life.
- Safeguards the moving parts.
- Properly balanced detergency and dispersancy ensures a clean engine.

PERFORMANCE LEVELS: Meets and Exceeds

- API CG-4/SJ
- MB 228.3
- ACEA A3/B4
- MAN 3275
- VOLVO VDS
- MTU Type-2
- MACK EO-L
- Allison C4

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	DEOTEC X-TRA (FULLY SYNTHETIC)			
			0W-30	0W-40	5W-30	5W-40
Grade			0W-30	0W-40	5W-30	5W-40
Kinematic Viscosity @ 104° F /40° C	ASTM D-7042	cSt	68.55	90.05	68.85	91.65
Kinematic Viscosity @ 212° F /100° C	ASTM D-7042	cSt	12.1	15.3	11.9	15
Viscosity Index (min)	ASTM D-2270	-	176	181	171	173
SP. Gravity @15° C/ 60° F	ASTM D-4052	g/cm ³	0.846	0.846	0.858	0.859
Flash Point (min)	ASTM D-92	°C	234	230	234	232
Pour Point (max)	ASTM D-97	°C	-42	-42	-42	-42
TBN	ASTM D-2896	Mg KOH/g	9.5	9.5	9.5	9.5
CCS, (°C)	ASTM D-5293	m.Pa.S	<6200 (-35° C)	<6200 (-35° C)	<6600 (-30° C)	<6600 (-30° C)

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