



PHOENIX

Diesel Engine Oil

Technical Data Sheet



DEOTEC X-MAX

SEMI SYNTHETIC/SYNTHETIC

PRODUCT DESCRIPTION:

DEOTEC X-MAX is a high performance, diesel engine oil specifically formulated to address the needs of high power engines. Featuring an active-detergent system to keep pistons and other engine parts clean thus it provides protection against wear for long engine life and protection against deposits for efficient engine performance. These are diesel engine oils specially designed to meet the requirements of engines produced by all manufactures in US, Europe and Japan.

APPLICATION:

Recommended for 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 also recommended for automotive diesel engine of passenger cars and light commercial vehicles where the OEM recommends API CF-4 or earlier specification.

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.
- Keeps engine Clean.

PERFORMANCE LEVELS: Meets and Exceeds

- API CF-4/SJ
- MB 228.2
- ACEA E2-96, A3/B3
- MTU Type-2
- MAN 3275-1
- VOLVO VDS
- MACK EO/K2
- CES 20075/74/73

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	DEOTEC X-MAX (SEMI SYNTHETIC/SYNTHETIC)			
Grade			10W-30	10W-40	5w-40	5W-30
Kinematic Viscosity @ 104°F / 40°C	ASTM D-7042	cSt	74.15	104.1	91.65	68.85
Kinematic Viscosity @ 212°F / 100°C	ASTM D-7042	cSt	11.75	15.6	15	11.9
Viscosity Index (min)	ASTM D-2270	-	154	157	173	171
SP. Gravity @15°C/ 60°F	ASTM D-4052	g/cm ³	0.875	0.877	0.859	0.858
Flash Point (min)	ASTM D-92	°C	236	234	232	232
Pour Point (max)	ASTM D-97	°C	-39	-39	-42	-42
TBN	ASTM D-2896	Mg KOH/g	9	9	9.5	9.5
CCS, (°C)	ASTM D-5293	m.Pa.S	<7000 (-25°C)	<7000 (-25°C)	6600 (-30)	6600 (-30)

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