



DEOTEC X-TRA MINERAL

PRODUCT DESCRIPTION:

DEOTEC X-TRA is a premium high performance non-friction modified mineral engine oil. It contains a combination of high technology additives, including increased dispersant levels and low shear viscosity modifiers. It protects against corrosion, oil oxidation and sludge under all operating conditions.

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

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	DEOTEC X-TRA (MINERAL)						
			15W-40	15W-50	20W-50	20W-60	40	50	30
Grade			15W-40	15W-50	20W-50	20W-60	40	50	30
Kinematic Viscosity @ 104° F / 40° C	D-7042	cSt	115.90	109.5	175.35	201.05	151.4	202.65	101.3
Kinematic Viscosity @ 212° F / 100° C	D-7042	cSt	15.40	15.2	19.80	24.2	15.5	19.0	11.5
Viscosity Index (min)	D-2270	-	140	146	131	150	105	106	101
SP. Gravity @15° C/ 60° F	D-4052	g/cm ³	0.881	0.878	0.890	0.887	0.895	0.896	0.895
Flash Point (min)	D-92	°C	236	232	236	230	242	246	230
Pour Point (max)	D-97	°C	-33	-33	-24	-24	-15	-15	-12
TBN	D-2896	Mg KOH/g	9.5	9.5	9.5	9.5	9.5	9.5	9.5
CCS, (°C)	D-5293	m.Pa.S	<7000 (-20° C)	<7000 (-20° C)	<9500 (-15° C)	<9500 (-15° 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