



PHOENIX

Diesel Engine Oil

Technical Data Sheet



DEOTEC FLEET

MINERAL & SEMI SYN

PRODUCT DESCRIPTION:

DEOTEC FLEET is a heavy duty diesel engine oil formulated with an optimized combination of base oil and a balanced additive system. It provides good protection against rust and corrosion, thermal and oxidation stability. It Control sludge build up and deposits hence prolongs equipment life and reduces maintenance costs.

APPLICATION:

Recommended for wide range of turbo-charged or naturally aspirated diesel engines, generators, trucks, construction machinery, 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 CD/SF or earlier specification.

FEATURES & BENEFITS:

- Good protection against rust and corrosion
- Thermal and oxidation stability
- Controls sludge build up and deposits
- Long equipment life and reduced maintenance cost.

PERFORMANCE LEVELS:

Meets and Exceeds

- PI CD/SF
- MIL-L-2104D
- CAT TO-2

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	DEOTEC FLEET (MINERAL)							
Grade			15W-40	20W-50	20W-60	40	50	30	10W-40	10W-30
Kinematic Viscosity @ 104°F / 40°C	D-7042	cSt	116.4	181.65	201.05	151.4	214.1	101.3	102.3	74.95
Kinematic Viscosity @ 212°F / 100°C	D-7042	cSt	15.45	20.3	24.2	15.5	20.2	11.5	15.2	11.8
Viscosity Index (min)	D-2270	-	140	131	150	105	110	101	157	153
SP. Gravity @15°C / 60°F	D-4052	g/cm ³	0.882	0.891	0.887	0.895	0.896	0.895	0.873	0.874
Flash Point (min)	D-92	°C	236	236	230	242	246	230	232	232
Pour Point (max)	D-97	°C	-33	-24	-24	-15	-15	-12	-39	-39
TBN	D-2896	Mg KOH/g	7	7	7	7	7	7	7	7
CCS, (°C)	D-5293	m.Pa.S	<7000 (-20°C)	<9500 (-15°C)	<9500 (-15°C)	-	-	-	7000 (-25)	7000 (-25)

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