

PRODUCT DESCRIPTION

LEAD ZEPTO 5000 HD is a heavy duty diesel engine oil recommended for turbo-charged and non-turbo-charged engines under normal conditions. Suitable for many heavy duty engines. It meets all current industry standard requirements of major engine makers recommending API CF-4/SG, CF/SF.

APPLICATION

LEAD ZEPTO 5000 HD can be used in older trucks and buses as well as for cost effective lubrication in off-highway applications such as agricultural tractors.

PROPERTIES

- Maximum cleanliness
- Reduced engine maintenance costs
- Superior thermo-oxidative stability
- Excellent anti-wear technology

PERFORMANCE LEVELS

Meets and exceeds:

API CF-4, CF-2, CF; Recommended for use in Caterpillar, Cummins, Detroit Diesel, Mack, Volvo, Scania, Renault, Iveco and many diesel engines.

TYPICAL PROPERTIES

PARAMETERS	TEST METHOD	UNIT	15W40	20W50	20W60
Viscosity Grade			15W40	20W50	20W60
Density @ 15°C	ASTM D1298	kg/l	0.885	0.885	0.895
Viscosity @ 100°C	ASTM D445	cSt	14.5	19.5	24.5
Viscosity @ 40°C	ASTM D445	cSt	100	165	250
Viscosity Index (min)	ASTM D2270	-	135	125	115
Cold Crank Simulator	ASTM D5293	cP	<7,000 @ -30 °C	<9,500 @ -15 °C	<9,500 @ -15 °C
Pour Point	ASTM D97	°C	-25	-25	-25
Flash Point	ASTM D92	°C	220	230	235
Total Base Number (TBN)	ASTM D2896	KOH/g	12	12	12

The values shown above are typical values at the date of publication. Lead Petroleum reserves the right to change these typical values without prior notice

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 www.leadpetroleum.com.