

PRODUCT DESCRIPTION

LEAD MEGA 7000 Is specially designed for higher mileage gasoline fuelled automobiles and light duty trucks requiring an API CH-4 specification. It may be used in naturally aspirated and turbocharged diesel and petrol engines, providing excellent protection even under the most severe conditions. Suitable for many heavy-duty engines. It meets all current industry standard requirements of major engine makers recommending API CH-4.

APPLICATION

LEAD MEGA 7000 provides excellent protection against piston deposits controls engine wear, gives long engine life, maintains engine power and efficiency and lowers servicing costs. Suitable for use in heavy duty 2-stroke & 4-stroke turbocharged and naturally aspirated diesel engines. It can be used in both On-highway light and heavy-duty trucks & construction and mining equipment, where high or low sulphur diesel is used. Suitable for certain stationary equipment, such as pumps that run continuously under steady state conditions.

PROPERTIES

- Excellent protection against piston deposits
- Controls engine wear
- High detergency, gives long engine life
- Maintains engine power and efficiency and lowers servicing costs

PERFORMANCE LEVELS

Meets and exceeds:

ACEA E7-12 (2012) API CI-4 API CH-4 API CG-4; API CF-4 API CF API SL MB-Approval 228.3; Volvo VDS-3 Renault Truck RLD-2 Mack EO-N Mack EO-M Plus; MAN M 3275 Cummins CES 20076 Cummins CES 20077 Cummins CES 20078; CAT ECF-1-a CAT ECF-2 MTU Type 2 Deutz DQC III-10; Detroit Diesel DDC 93K215 Global DHD-1

TYPICAL PROPERTIES

PARAMETERS	TEST METHOD	UNIT	LEAD MEGA 7000	LEAD MEGA 7000
Viscosity Grade			20W50	50
Density @ 15°C	ASTM D1298	kg/l	0.89	0.898
Viscosity @ 100°C	ASTM D445	cSt	20.7	21.5
Viscosity @ 40°C	ASTM D445	cSt	182	201
Viscosity Index (min)	ASTM D2270	-	134	125
Cold Crank Simulator	ASTM D5293	cP	<9500 @ -15 °C	-
Pour Point	ASTM D97	°C	-27	-21
Flash Point	ASTM D92	°C	235	245
Total Base Number (TBN)	ASTM D2896	KOH/g	11	11

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.