

## PRODUCT DESCRIPTION

**LEAD MOTP Trunk Piston Engine Oil specially designed for modern Medium Speed 4-stroke Engines running Intermediate Fuel Oil (IFO) or Heavy Fuel Oil (HFO)**

**LEAD Trunk Piston Engine Oil** is a range of trunk piston engine oils developed for use in medium speed diesel engines burning residual fuels. This oil combines an exclusive formulation of latest additive technologies, and a highly refined base oil to provide a substantial safety margin to cope with the higher stress levels even with the latest and future designs of diesel engines.

## APPLICATION

- Turbocharged main and auxiliary engines of all types and all ratings running on
- Intermediate Fuel oil or on Heavy Fuel oil with high sulphur content
- Bearings and stern-tubes
- Reduction gear lubrication

## PROPERTIES

- Excellent thermal resistance and high temperature oxidation resistance
- Very good detergent and dispersant properties at high temperatures
- Good wear protection and oil film strength at extreme pressures
- Excellent water resistance
- Reduced build up heavy deposits in the engine leading to a reduction in maintenance costs
- Very good neutralizing capability of acidic products of combustion

## TYPICAL PROPERTIES

PARAMETERS	TEST METHOD	UNIT	LEAD TRUNK PISTON ENGINE OIL
Viscosity Grade	-	-	40
TBN	-	-	30
Density @ 15°C	ASTM D1298	kg/l	0.899
Viscosity @ 100°C	ASTM D445	cSt	15.3
Viscosity @ 40°C	ASTM D445	cSt	159
Viscosity Index (min)	ASTM D2270	-	97
Flash Point	ASTM D92	°C	≥ 240
BN	ASTM D2896	mg KOH/g	30.5

**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](http://www.leadpetroleum.com).