



LUBREX MARINE 4040, 5040, 5540

PRODUCT DESCRIPTION:

Lubrex Marine 4040, 5040, and 5540 are trunk piston engine oils designed for use in medium-speed diesel engines operating on residual fuels in marine, power generation and industrial applications. The superior additive technology used in these oils provides excellent engine cleanliness & wear protection under different operating conditions. These oils exhibit a high degree of water tolerance and have better water separation and base retention properties.

APPLICATION:

Lubrex Marine 4040, 5040 and 5540 are recommended for use in trunk piston engines (four-stroke) engaged in marine propulsion and land based power generation applications running on residual/heavy fuels.

FEATURES & BENEFITS:

- Outstanding engine cleanliness especially in hotter engine parts like piston rings & piston under-crowns
- Higher base number (BN) stabilization even in low-oil consuming engines
- Good anti-wear protection of piston rings and cylinder liners
- Higher degree of compatibility with fuel asphalts
- Good viscosity & insoluble control
- Longer drain capabilities

PERFORMANCE STANDARDS: Meets and Exceeds:

- API CF

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	Marine 4040	Marine 5040	Marine 5540
SAE Grade			40	40	40
Kinematic Viscosity @ 104°F/40°C	ASTM D-445	cSt	155	155	15
Kinematic Viscosity @ 212°F/100°C	ASTM D-445	cSt	14.9	15.0	15.1
Viscosity Index	ASTM D-2270	-	95.3	96	97
Flash Point (min)	ASTM D-92	°C	240	240	250
Pour Point (max)	ASTM D-97	°C	-12	-12	-12
TBN	ASTM D-2896	Mg KOH/g	40	50	55

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.lubrex.net

HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet www.lubrex.net

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

™ Trademark of LUBREX, registered in various countries © 2005

All statements, information and data presented herein are believed to be accurate and reliable, but are not to be taken as a guarantee, an express warranty or an implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which LUBREX and its affiliates assume legal responsibility.