

Marine Cylinder Oil

DCA 5040

Product Description

PetroChina Lubricant Company's DCA5040 Marine Cylinder Oil is produced from the deep refined base oil which undergoes precise de-waxing process and a unique blending process by using our special overbased naphthenate as main additive and other additives such as anti-oxidation and etc. With its enhanced formulation, DCA5040 has a better detergency with good dispersant capability, anti-corrosion, and oxidation stability is proven by the bench test. Its quality meets the international standard and requirement.

Applications

KunLun Marine DCA5040 Cylinder Oil is for use in low speed crosshead engine, burning heavy fuel oil with sulphur content less than 3.5%. It is an ideal lubricating oil for new generation of high efficiency, low speed crosshead marine diesel engine with long strokes.

Features

- Excellent detergency that cleans and maintains cylinder and piston
- Excellent oxidation stability at high temperature that prevents formation of unwanted oxides at high temperature
- Excellent anti-oxidation, anti-corrosion and good alkalinity that can reduce corrosion and damage of cylinder and piston from combusting of high sulphur content fuel
- Excellent dispersant capability to provide effective and efficient lubrication
- Excellent anti-wear property that reduces linear and ring wear under both high temperature and high pressure environment

Field Test and Result

- Approval from MAN B&W
- No formation of submerge particles, floating particles and insolubility and etc were experienced when mixing DCA5040 with any other types of similar marine cylinder oil

Storage and Handling

- All storage equipments, tanks, pipes, valves and etc. apparatus has to be cleaned thoroughly and inspected to be clean for use before being used to transfer or transport DCA5040 marine cylinder oil to prevent contamination.
- DCA5040 must be stored in dedicated storage tanks/equipment and is recommended to be stored in an indoor and controlled environment.
- Storage tanks/equipment must be waterproof, mist-proof and free from other mechanical particles.
- Product must be labeled clearly and properly during the entire transportation process to prevent mixing of other petrol-chemical product into the marine engine cylinder oil.