

MARBRAX CID 54 AP

Two stroke marine engine cylinder lubricant

Description

High performance cylinder lubricant for two-stroke marine diesel engines (crosshead) specially designed for running on very low sulphur fuels (<0.5%). Provide excellent control of piston rings and cylinder liner wear and high level of piston cleanliness. Available in grade SAE 50, TBN 40.

Application

Marbrax CID 54 AP is recommended for lubrication of two-stroke marine diesel engine cylinders operating at low and medium speed using very low sulphur fuel (<0.5%), can be used with fuels containing from 0% to 1.5% sulphur according to the operation conditions, please consult the engine manufacturers for specific advice.

Especification

Marbrax CID 54 AP meets the requirements of the principal manufacturers of crosshead engines and has “No Objection Letter” status from:

- Win GD (Wärtisilä)
- MAN Energy Solutions
- J-ENG (Mitsubishi)

Benefits and Features

- Excellent control of piston ring and cylinder liner wear.
- High level of piston, piston ring and cylinder liner cleanliness.
- Excellent performance at optimised lubricant feed rate.
- Good thermal and oxidative stability.
- Reduced deposits, especially calcium carbonate which may result from use of higher BN oils and low sulphur fuel.
- Higher safety margin against bore polishing or scuffing under prolonged operation on low-sulphur fuel, compared with higher BN cylinder oils.

Typical Analysis**

Test	Grade SAE 50
Density at 20/4 °C	0,915
Flash point, °C	256
Pour point, °C	-9
Viscosity at 40 °C, cSt	213
Viscosity at 100 °C, cSt	19,5
Viscosity index	101
Sulfated Ash (%weight)	4,9
Total base number (mgKOH/g)	40

** The typical analysis results represent modal production values and do not constitute a product specification. For detailed information, please contact our technical support.

Health, Safety and Environment

The correct use, such as the use of proper personal protective equipment, minimizes health risks and preserves the environment. All used lubricant must be collected and disposed of properly. Irresponsible disposal causes damage to the environment and the population.

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