

Description

MAXFLUID Cylinder L25 is a premium-quality marine cylinder lubricant developed by MAXFLUID for low-speed two-stroke crosshead diesel engines operating on ultra-low sulphur fuels and marine distillate fuels. Formulated as an SAE 50 cylinder oil with a Base Number (BN) of 25, it provides the optimum balance of alkalinity, detergency, and wear protection required for modern engines operating on fuels containing up to 0.10% sulphur.

Manufactured using highly refined mineral base oils and advanced detergent, dispersant, anti-wear, and corrosion inhibitor technology, Cylinder L25 helps maintain piston cleanliness, minimizes liner wear, and protects engine components against deposits and corrosive attack during operation in Emission Control Areas (ECAs) and other low-sulphur fuel applications.

Performance Features & Benefits

Optimized for Low-Sulphur Fuels

The balanced BN 25 formulation provides the correct level of alkalinity for engines operating on ultra-low sulphur and distillate fuels, helping prevent excessive deposits while maintaining excellent engine cleanliness.

Superior Engine Protection

Forms a durable lubricating film that minimizes cylinder liner wear, piston ring wear, and scuffing, ensuring reliable engine operation under varying load conditions.

Excellent Deposit Control

Advanced detergent technology reduces carbon and ash deposits on piston crowns, ring grooves, cylinder ports, and under-piston areas, promoting efficient combustion and longer component life.

Outstanding Cleanliness

Keeps critical engine components clean, reducing maintenance requirements and supporting reliable engine performance over extended operating periods.

Reliable Thermal Stability

Resists thermal degradation and maintains lubricant performance under the elevated temperatures encountered in modern marine diesel engines.

Seal Compatibility

Compatible with conventional seal materials commonly used in marine cylinder lubrication systems.

Applications

MAXFLUID Cylinder L25 is recommended for:

- Low-speed two-stroke crosshead marine diesel engines
- Engines operating on Marine Gas Oil (MGO)
- Marine Diesel Oil (MDO)
- Ultra Low Sulphur Fuel Oil (ULSFO)
- Very Low Sulphur Fuel Oil (VLSFO) with sulphur levels up to 0.10%
- Vessels operating in Emission Control Areas (ECAs)
- Engines requiring BN 25 SAE 50 cylinder lubricant

For best performance, always follow the engine manufacturer's recommendations regarding cylinder oil selection and feed rates.

Product Advantages

- BN 25 formulation optimized for ultra-low sulphur fuels
- Excellent piston cleanliness
- Superior protection against liner and ring wear
- Outstanding deposit control
- Excellent thermal and oxidation stability
- Reliable corrosion protection
- Reduces maintenance requirements
- Suitable for ECA and low-emission operation
- Helps maximize engine reliability and service life

TYPICAL PHYSICAL CHARACTERISTICS

PROPERTIES	UNIT	METHOD	Cylinder L25
SAE Viscosity Grade	-	-	50
Viscosity Index	minimum	ASTM D2270	95
Kinematic Viscosity @ 100°C	mm ² /s	ASTM D445	19.5
Density @ 15°C	kg/m ³	ASTM D4052	908
Flash Point	°C	ASTM D93	235
Pour Point	°C maximum	ASTM D97	-6
TBN	mg/KOH/g	ASTM D2896	25

The values shown are typical characteristics and may vary within normal manufacturing tolerances.

Health and Safety

MAXFLUID Cylinder L25 is a high-quality marine cylinder lubricant formulated for low-speed two-stroke marine diesel engines operating on ultra-low sulphur and distillate fuels. Under normal operating conditions and when handled in accordance with recommended practices, the product is not expected to present significant health or safety hazards.

Avoid prolonged or repeated skin contact and prevent contact with eyes. Wear appropriate personal protective equipment (PPE), including protective gloves and safety glasses, when handling the product. Ensure adequate ventilation in enclosed spaces and avoid inhalation of oil mists.

Store in tightly sealed containers in a cool, dry, and well-ventilated area away from direct sunlight, excessive heat, and incompatible materials. Prevent spills from entering drains, waterways, or soil.

For detailed information regarding safe handling, storage, transportation, and disposal, please refer to the latest Safety Data Sheet (SDS) for MAXFLUID Cylinder L25.