



Application

Lazio-oil C400S SAE 40 is a state-of-the-art lubricant designed for 4-stroke Diesel engines in both marine and industrial sectors. Developed to meet the demands of high-sulfur fuel and challenging operating conditions, it provides exceptional performance with advanced "anti-black sludge" properties, ensuring the longevity and efficiency of the engine.

- Lazio-oil C400S SAE 40's dispersant and detergent properties effectively prevent the formation of sludge, lacquer, and carbon deposits on pistons and in grooves, helping to avoid ring sticking and ensuring smooth engine operation.
- Its robust neutralizing action protects against corrosive wear caused by acidic byproducts from the combustion of high-sulfur fuel, making it particularly beneficial in conditions where cylinder wall temperatures are low—promoting acid condensation—or in engines with low oil consumption.
- The high-quality base oils used in the formulation provide excellent antiwear protection, ensuring proper lubrication even for critical components such as the final reduction gears in main engines.
- The product's anti-foam properties help reduce air bubble formation, while its demulsifying characteristics facilitate easy water separation through centrifugation, ensuring the oil remains clean and effective.

Specifications

- API CF

Characteristics

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m ³	918
Viscosity at 100°C	ASTM D 445	mm ² /s	14.8
Viscosity at 40°C	ASTM D 445	mm ² /s	145
Viscosity Index	ASTM D 2270	-	102
Flash point COC	ASTM D 92	°C	220
Pour point	ASTM D 97	°C	-12
TBN	ASTM D 2896	mg KOH/g	40