



Application

Lazio-oil C50 SAE 30 is a premium marine lubricant crafted from high-quality base oils, specially formulated for use in large crosshead Diesel engines with oil-cooled pistons. It is also suitable for use as a stern tube lubricant. Thanks to its advanced detergent properties, derived from carefully selected additives, it provides superior protection and performance in demanding marine environments.

- Lazio-oil C50 SAE 30 boasts excellent detergent and dispersant properties that effectively prevent the formation of deposits in the piston cooling system and within the crankcase, ensuring cleaner engine operation.
- Its alkaline properties offer robust protection against corrosive byproducts, safeguarding the internal engine surfaces and enhancing overall longevity.
- With strong antiwear characteristics, Lazio-oil C50 SAE 30 extends the life of engine components, reducing the need for frequent servicing and overhauls while maintaining reliable performance.
- The lubricant's antifoam properties minimize air bubble formation, ensuring continuous and stable lubrication film, which is crucial for optimal engine function.
- Lazio-oil C50 SAE 30 exhibits superior demulsibility, allowing easy separation of any water that may accidentally enter the engine via centrifugation, preventing water contamination from affecting lubricant performance.
- Its antirust properties provide excellent protection against moisture and salinity, combating corrosion and ensuring long-term engine reliability.
- The product is highly stable, particularly in terms of its resistance to thermal cracking and oxidation, allowing it to maintain its effectiveness even at high operating temperatures, ensuring a longer service life.

Characteristics

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m ³	899
Viscosity at 100°C	ASTM D 445	mm ² /s	12.1
Viscosity at 40°C	ASTM D 445	mm ² /s	106
Viscosity Index	ASTM D 2270	-	99
Flash point COC	ASTM D 92	°C	234
Pour point	ASTM D 97	°C	-18
TBN	ASTM D 2896	mg KOH/g	5