



Application

Lazio-oil SAE 50 is a robust lubricant designed for both naturally aspirated and supercharged diesel engines operating under severe conditions, or those susceptible to excessive deposits and wear due to engine design or fuel type. With excellent detergent properties, it effectively prevents deposit formation, keeping piston rings free, pistons clean, and suspending substances that would otherwise settle.

This lubricant is highly resistant to degradation, particularly to oxidation caused by prolonged exposure to high temperatures, air, and other environmental factors, ensuring stable performance over time.

Its advanced anti-corrosive properties provide strong protection for internal engine components against moisture and acidic by-products generated during combustion.

Thanks to its high viscosity index, Lazio-oil SAE 50 is suitable for use across a wide range of temperatures, offering reliable performance in diverse operating conditions.

Specifications

• **API CI-4/SL** • MIL-L-2104 D • MIL-L-46152 C • MAN 270 • MB 228.0 • VOIVO VDS

Characteristics

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m ³	900
Viscosity at 100°C	ASTM D 445	mm ² /s	19.1
Viscosity Index	ASTM D 2270	-	105
Flash point COC	ASTM D 92	°C	240
Pour point	ASTM D 5950	°C	-15