

Description

Multi-grade lubricant that is specifically formulated for both, inboard and inboard/outboard, four-stroke marine diesel engines. Its carefully selected formula meets the demanding requirements of marine engine manufacturers. It allows leisure boats to operate even under the most severe conditions.

Properties

- Avoids piston ring sticking by dispersing mud, varnishes and other products derived from high temperature oil oxidation.
- Contains efficient antirust and anticorrosion additives that protect the engine from water and brine.
- Easy to pump at low temperatures, which reduces engine wear.
- Enhanced shear stability that enhances the lubricant's lifespan.
- Avoids the appearance of mud, thanks to its dispersing additives. As a result, the engine and component cleanliness is optimal at all times.
- A highly stable alkaline reserve (TBN) gives great capacity to neutralize the acids formed in combustion.

Quality levels, approvals and recommendations

- API CI-4/CH-4/SL
- MAN 3275
- CUMMINS 20076/20077/20078
- ACEA E7/E5
- VOLVO VDS-3

	UNIT	METHOD	VALUE
SAE Grade			15W-40
Density at 15 °C	g/cm3	ASTM D 4052	0,882
Viscosity at 100 °C	cSt	ASTM D 445	14,6
Viscosity at 40 °C	cSt	ASTM D 445	108
Viscosity at -20 °C	cP	ASTM D 5293	< 7000
Viscosity index	-	ASTM D 2270	141
Flash point, open cup	°C	ASTM D 92	> 215
Pour point	°C	ASTM D 97	< -27
T. B. N.	mg KOH/g	ASTM D 2896	10,5
Bosch Injector Shearing:Viscosity at 100 °C	cSt	CEC L014 93	> 12,5
Noack volatility, 1h at 250 °C	% weight	CEC L 040 93	< 12

The above mentioned characteristics are typical values and should not be considered product specifications.