

Alfamar

& 450 455

Product Description

ALFAMAR 450 & 455 are premium performance high alkaline diesel engine oils used in medium or high speed trunk piston diesel engines burning residual fuels with sulphur content more than 3%.

They are blended from high quality mineral base oils and selected additive packages providing premium performance characteristics under severe operating conditions.

Performance Features

- Exceptional detergent /dispersant properties, providing clean piston rings, valves and crankcase
- Excellent alkalinity retention
- Corrosion and Wear protection of engine parts (cylinder liner, camshaft, bearings)
- High thermal and oxidation stability
- Good water separation and centrifuge performance
- Good antifoam properties

Application

ALFAMAR 450 & 455 lubricating oils are recommended for trunk piston diesel engines burning residual fuels with maximum sulphur content of 4%, along with low oil consumption rate. ALFAMAR 450 & 455 meet the requirements of API service classification CF and has an approval from MAN Diesel & Turbo, WARTSILA and MAK.

Typical Properties:

SAE grade	40	40	Method
Specific gravity at 15°C, Kg/l	0.912	0.914	ASTM D-4052
Viscosity, Kinematic at 40°C, cSt	135	140	ISO 3104
Viscosity, Kinematic at 100°C, cSt	14.00	15.00	ISO 3104
Viscosity Index	100	105	ISO 2909
Pour Point, °C	-12	-12	ISO 3016
Flash Point COC, °C	240	260	ISO 2592
Total Base Number (TBN), mg KOH/g	50	55	ISO 3771

Note:

The above information is indicative based on current production and does not constitute a specification. Results can be affected by allowable production tolerances, not affecting performance.