



ISO SUPER MARINE LUB

This is a high quality, marine motor oil of the latest generation. It can be used for all vehicles, as well as gasoline and/or diesel engines & mixed fleets, manufactured from high quality mineral base oil & advanced technology additives to meet & exceed the most demanding lubrication requirements of modern turbo charged ultra high performance diesel (UHPD) & gasoline vehicles.

Main Application:

- Medium speed industrial or marine propulsion and auxiliary engines, burning residual, blended or distillate fuel oils, which create conditions of low oil stress. These conditions usually occur:

In newer engine designs, less than 10 years old

Where oil consumption is $> 1.5 \text{ g/kWh}$

Where load factor are $< 70\%$

Where fuels with sulphur $< 2\%$ are in use

ADVANTAGES:

- Very high resistance against oxidation.
- High detergent & dispersant properties.
- Strong oil film.
- High lubrication power.
- Low loss by evaporation.
- Effectively controls all kinds of rusting & corrosion.

SPECIFICATIONS:

SAE	30/40
API	CF-4

TYPICAL CHARACTERISTICS:

Test	ASTM Method	Unit	Average results		
SAE-class	-	-	3030	4030	4055
Density at 15°C	D4052	Kg/m ³	910	910	912
Viscosity at 40°C	D445	CSt	110	140	142
Viscosity at 100°C	D445	CSt	12	14	14
Pour point	D97	°C	-15	-15	-15
TBN	D2896	g KOH/kg	30	30	55
Flash point °C	D92	°C	232	236	235

Equivalent : Total Aurelia TI, Shell Argina, Gulfsea Power

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