



Trunk piston oil for high speed engines.

## APPLICATIONS

Marine oil designed for the lubrication of high speed diesel engines.

Turbocharged and naturally aspirated main and auxiliary engines of all types and all ratings, running on Gas Oil or Marine Diesel Oil.

The product can also be used to lubricate bearings, stern tubes and reduction gears.

NATO O-278 • FR: DCSEA 278/A  
BE/NL: BN-PO-178 C Amd 2

## FEATURES AND BENEFITS

**DISOLA MT** offers excellent thermal stability and oxidation resistance, guaranteeing effective engine lubrication in severe conditions.

Outstanding detergent, dispersant and anti-wear properties keep the engine clean and enable effective control of soot, sludge and piston deposits.

**DISOLA MT** exhibits important alkaline reserve to neutralize acid compounds coming from the combustion.

Anti-wear and anti-corrosion additives used in **DISOLA MT** ensure longer engine and transmission durability.

## SPECIFICATIONS AND APPROVALS

✓	MAN ES (MAN B&W)	✓	Caterpillar 3116/3126 MUI engines
✓	MTU Category 2	✓	Deutz/MWM medium and large engines
✓	Mitsubishi U "medium speed" series	✓	BOLNES, MAK, STORK, ABC, Baudouin, ZF

## TECHNICAL DATA : DISOLA MT 40

CHARACTERISTICS	METHODS	UNITS	TYPICAL VALUES*
Density at 15°C	ASTM D 1298	kg/m <sup>3</sup>	897
Kinematic viscosity at 40°C	ASTM D 445	mm <sup>2</sup> /s	139
Kinematic viscosity at 100°C	ASTM D 445	mm <sup>2</sup> /s	14.8
Viscosity index	ASTM D 2270	—	107
Pour Point	ASTM D 97	°C	- 30
TBN	ASTM D 2896	mgKOH/g	13

\*The specifications above are for illustrative purposes and communicated for information only.

## CUSTOMER BENEFITS

✓	The <b>DISOLA MT</b> range exceeds the CH-4/CG-4/CF-4/CF specification defined by the American Petroleum Institute (API). Meets ACEA E7.
✓	The ability to reduce heavy deposit build-up in an engine creates savings via a reduction in maintenance costs.
✓	The product offers excellent resistance to the negative effects of fuel contamination, along with excellent thermal resistance and oxidization resistance.
✓	The stable viscosity of <b>DISOLA MT</b> range means that in service fewer top-ups are needed.
✓	The product is also very water resistant, with outstanding demulsibility capacity, enabling rapid removal of water after an ingress and the maintenance of good engine performance.

## GENERAL RECOMMENDATIONS

### COMPATIBILITY

Compatible with **generally available trunk piston lubricants.**

Please consult your Total Marine Lubrication Engineer should you have any questions.

### SHELF LIFE

5 years from date of manufacture.

### STORAGE

This product should be stored under cover in clean, dry conditions and protected from frost.

Recommended storage temperature range is 5°C to 50°C.

Drums that are stored on deck should be raised on pallets and covered to protect from the elements.

Always check regularly for leakage.

## COMPLIMENTARY PRODUCTS AND SERVICES

✓	<b>WT Supra</b> — Innovative and environmentally friendly cooling system inhibitor concentrate.
✓	<b>DiagomarPlus</b> — Laboratory based used oil analysis program.
✓	<b>Tech'Care</b> — Suite of onboard testing kits.
✓	<b>Technical Expertise &amp; Support</b> — Total Lubmarine engineers are on hand at worldwide locations to assist with lubrication concerns.
✓	<b>Lube-On-Ship</b> — Visualize your lube oils needs aboard Total Lubmarine's innovative virtual vessel.

Total Lubmarine / 24-02-2021 / DISOLA MT 40

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet conforming to the regulations in can be obtained via your Total Lubmarine technical advisor or from [sdstotalms.total.com](http://sdstotalms.total.com)

