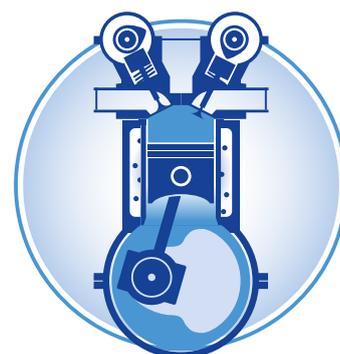


# Disola W 15W40

Multigrade oil for highly rated diesel engines.



APPLICATIONS
Designed for the lubrication of turbocharged and naturally aspirated high speed engines.
Recommended for life boat engines and emergency power units under cold conditions.
High speed engines running under very severe conditions.

FEATURES AND BENEFITS
Disola W 15W40 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 W 15W40 exhibits important alkaline reserve to neutralize acid compounds coming from the combustion.
Anti-wear and anti-corrosion additives used in Disola W ensure longer engine and transmission durability

SPECIFICATIONS AND APPROVALS			
✓	MAN ES (MAN B&W)	✓	Mitsubishi
✓	Caterpillar ECF-2	✓	Mercedes Benz
✓	Cummins	✓	Perkins

TECHNICAL DATA : Disola W 15W40			
CHARACTERISTICS	METHODS	UNITS	TYPICAL VALUES*
S.A.E. Grade	–	–	15W 40
Density at 15°C	ISO 3675	kg/m <sup>3</sup>	888
Kinematic Viscosity at 40°C	ISO 3104	mm <sup>2</sup> /s	99
Kinematic Viscosity at 100°C	ISO 3104	mm <sup>2</sup> /s	13.4
Viscosity Index	ISO 2909	–	136
Dynamic viscosity at -20°C	–	mPa/s	< 7,000
Flash Point (COG)	ASTM D 92	°C	> 220
Pour Point	ISO 3016	°C	- 30
Sulfated Ash	–	% mass	1.45
BN	ASTM D 2896	mgKOH/g	11

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

## CUSTOMER BENEFITS

✓	The Disola W 15W40 range exceeds the CI-4/CF specification defined by the American Petroleum Institute (API). Meets ACEA B4-12, A2-96, E3-96.
✓	Very stable multigrade feature enabling the lubricant to be used in all seasons.
✓	The product offers excellent resistance to the negative effects of residual fuel contamination, along with excellent thermal resistance and oxidation resistance.
✓	The stable viscosity of Disola W 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 Lubmarine Lubrication Engineer should you have any questions.

### 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.

## COMPLIMENTARY PRODUCTS AND SERVICES

✓	WT Supra – Innovative and environmentally friendly cooling system inhibitor concentrate.
✓	LubDiag – Oil Analysis – Laboratory based used oil analysis program.
✓	LubInsight – Suite of onboard testing equipment.
✓	LubSkills – Lubmarine Engineers are on hand at worldwide locations to assist with lubrication concerns.
✓	Lube On Ship – Visualize your lubricants needs aboard Lubmarine's innovative virtual vessel. <a href="http://lubmarine.totalenergies.com/lube-on-ship">lubmarine.totalenergies.com/lube-on-ship</a>

