



Innovative ash free cylinder oil for the widest range of marine fuels.

APPLICATIONS

A premium single oil solution designed to lubricate 2-stroke engines using fuels ranging from 0.0%S up to 2.5%S.

All 2-stroke diesel engines running with the widest range of fuels.

Particularly fit for purpose for vessels requiring regular fuel changeover.

Especially useful for engines where advanced deposit or corrosion control is needed.

FEATURES AND BENEFITS

The innovative chemistry and formulation of **TALUSIA OPTIMA** uses high quality calcium detergents for cleanliness and in combination with Ash Free Neutralising Molecules (ANM) has proven to exceed the performance of conventional BN 100 lubricants.

Its wide sulfur operational range means it can be used with fuels of any sulfur content, which avoids embarking several cylinder lubricants and switching between them.

Superior performance supports the optimisation of Lube Oil Feed Rates and maintenance costs, saving time and money.

Improved antiwear performance and overall flexibility make for wider operational safety margins.

SPECIFICATIONS AND APPROVALS

✓	MAN ES (MAN B&W)	✓	Japan Engine Corporation (UE Engines)
✓	WinGD (Wärtsilä)		

TECHNICAL DATA : TALUSIA OPTIMA

CHARACTERISTICS	METHODS	UNITS	TYPICAL VALUES*
S.A.E. Grade	—	—	50
Density at 15°C	ISO 3675	kg/m ³	930
Kinematic viscosity at 100°C	ISO 3104	mm ² /s	19.5
Flash Point (COC)	ASTM D 92	°C	> 230
Pour Point	ISO 3016	°C	+ 3
BN	ASTM D 2896	—	100

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

CUSTOMER BENEFITS

✓	Innovative formulation using Ashfree Neutralizing Molecules (ANM).
✓	Faster and more efficient acid neutralization.
✓	Better engine cleanliness.
✓	Improved thermal resistance.
✓	Outstanding deposit control including when operating with low sulfur fuels.

GENERAL RECOMMENDATIONS

COMPATIBILITY

Compatible with **generally available cylinder 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

✓	Atlanta Marine D3005 — Crankcase lubricant for 2-stroke crosshead engines.
✓	WT Supra — Innovative and environmentally friendly cooling system inhibitor concentrate.
✓	Drain Oil Analysis — Comprehensive cylinder oil scrape down analysis examining the cylinder lubrication of the 2-stroke engine.
✓	DiagomarPlus — Laboratory based used oil analysis program.
✓	Tech'Care — Suite of onboard testing kits.

Total Lubmarine / 24-02-2021 / TALUSIA OPTIMA

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

