



High BN cylinder lubricant for residual fuels.

APPLICATIONS

All 2-stroke engines, running on high sulfur residual fuels.

Can be used alternately with lower BN products when using IMO 2020 compliant fuels.

FEATURES AND BENEFITS

TALUSIA HR 70 has been designed to lubricate slow speed 2-stroke engines using residual fuels.

Using conventional calcium carbonate chemistry, it efficiently neutralises sulfuric acid formed during combustion of high sulfur residual fuels.

SPECIFICATIONS AND APPROVALS

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

TECHNICAL DATA : TALUSIA HR 70

CHARACTERISTICS	METHODS	UNITS	TYPICAL VALUES*
S.A.E. Grade	—	—	50
Density at 15°C	ISO 3675	kg/m ³	940
Kinematic viscosity at 100°C	ISO 3104	mm ² /s	20
Flash Point (COC)	ASTM D 92	°C	> 230
Pour Point	ISO 3016	°C	- 9
BN	ASTM D 2896	—	70

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

CUSTOMER BENEFITS

✓	TALUSIA HR 70 has high acid neutralisation capacity, ensuring excellent cylinder protection.
✓	Its high BN created with mineral chemistry maintains cylinder protection over long periods, preventing corrosion resulting from sulfuric acid formation.
✓	Proven to help maintain engine cleanliness without creating harmful deposits.
✓	Reduces cylinder wear and scuffing, and can extend the length of time between engine overhauls.

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 HR 70

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

