



Very high BN cylinder lubricant for residual fuels.

#### APPLICATIONS

Slow speed 2-stroke engines using high sulfur residual fuels.

Engines with a specifically corrosive nature that demand a higher level of neutralization.

#### FEATURES AND BENEFITS

**TALUSIA HR 140** is able to efficiently neutralize sulfuric acid formed during combustion of high sulfur residual fuels.

Suitable for use in on-board mixing systems when used in conjunction with **TALUSIA LS 40** or **TALUSIA UNIVERSAL**.

#### SPECIFICATIONS AND APPROVALS

✓	MAN ES (MAN B&W) Cat. II	✓	MAN ES (MAN B&W) ACOM System
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#### TECHNICAL DATA : TALUSIA HR 140

CHARACTERISTICS	METHODS	UNITS	TYPICAL VALUES*
S.A.E. Grade	—	—	50
Density at 15°C	ISO 3675	kg/m <sup>3</sup>	976
Kinematic viscosity at 100°C	ISO 3104	mm <sup>2</sup> /s	20
Flash Point (COC)	ASTM D 92	°C	> 230
Pour Point	ISO 3016	°C	- 9
BN	ASTM D 2896	—	140

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

## CUSTOMER BENEFITS

✓	<b>TALUSIA HR 140</b> has high acid neutralization capacity, ensuring excellent cylinder protection.
✓	Its high BN created with mineral chemistry maintains cylinder protection over long periods of high sulfur residual fuel usage, preventing corrosion resulting from sulfuric acid formation.
✓	Prevents cylinder wear and scuffing, and can extend the length of time between engine overhauls.
✓	<b>TALUSIA HR 140</b> is approved by MAN Diesel & Turbo for use in their ACOM (Automated Cylinder Oil Mixing) system.
✓	MAN ES Category II cylinder lubricant.

## 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

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

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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)

