



Cylinder oil for IMO 2020 compliant fuel applications.

APPLICATIONS

All 2-stroke engines running on low sulfur IMO 2020 compliant fuels.

Suitable for all IMO 2020 and ECA compliant fuels.

FEATURES AND BENEFITS

TALUSIA LS 40 is a marine cylinder lubricant which has been designed specifically for slow speed 2-stroke engines using low sulfur residual fuels.

Developed in close collaboration with major OEMs, **TALUSIA LS 40** meets the requirements of Japan Engine Corporation, MAN ES, and WinGD.

SPECIFICATIONS AND APPROVALS

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

TECHNICAL DATA : TALUSIA LS 40

CHARACTERISTICS	METHODS	UNITS	TYPICAL VALUES*
S.A.E. Grade	—	—	50
Density at 15°C	ISO 3675	kg/m ³	920
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	—	40

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

CUSTOMER BENEFITS

✓	TALUSIA LS 40 maintains engine cylinder cleanliness and minimises deposit build-up on piston crowns, rings and liners.
✓	With its low BN and its conventional calcium carbonate chemistry, it is optimised to efficiently lubricate engines using IMO 2020 compliant 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 LS 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

