

# Talusia Universal

The single cylinder oil solution for all IMO 2020 fuels.



APPLICATIONS
A premium single oil solution designed to lubricate 2-stroke engines using fuels ranging from 0.0%S up to 1.5%S.
Suitable for all IMO 2020 and ECA compliant fuels.
Validated for Dual Fuel operation.

FEATURES AND BENEFITS
Developed to simplify lubrication management. The unique chemistry of Talusia Universal provides fast and efficient acid neutralization along with advanced engine cleanliness. It is the premium solution for the lubrication of all modern diesel and dual-fuel 2-stroke engines using IMO 2020 and ECA compliant fuels.
In a range of tests, Talusia Universal performed significantly better than the reference cylinder lubricant for engine protection and cleanliness, while maintaining excellent wear rates.
Talusia Universal can achieve the lowest recommended LOFR based on visual inspection and drain oil analysis.

SPECIFICATIONS AND APPROVALS			
✓	MAN ES (MAN B&W)	✓	Japan Engine Corporation (UE Engines)
✓	WinGD (Wärtsilä)	✓	WinGD DF Validated

TECHNICAL DATA : TALUSIA UNIVERSAL			
CHARACTERISTICS	METHODS	UNITS	TYPICAL VALUES*
S.A.E. Grade	–	–	50
Density at 15°C	ISO 3675	kg/m <sup>3</sup>	930
Kinematic Viscosity at 100°C	ISO 3104	mm <sup>2</sup> /s	19
Flash Point (COC)	ASTM D 92	°C	> 230
Pour Point	ISO 3016	°C	- 9
BN	ASTM D 2896	–	57

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

## CUSTOMER BENEFITS

✓	Proven to help maintain engine cleanliness without creating harmful deposits.
✓	DF Validated. Can be used continuously with all IMO 2020 compliant fuels.
✓	Tried and tested, with more than 125,000,000 hours of successful operation.
✓	Unique, patented, chemistry for better performance.

## GENERAL RECOMMENDATIONS

### COMPATIBILITY

Compatible with generally available cylinder 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.

Always check regularly for leakage.

## COMPLIMENTARY PRODUCTS AND SERVICES

✓	Atlanta Marine D 3005 – Crankcase lubricant for 2-stroke crosshead engines.
✓	WT Supra – Innovative and environmentally friendly cooling system inhibitor concentrate.
✓	LubDiag – Engine Monitor / Engine Optimize – Comprehensive cylinder oil scrape down analysis examining the cylinder lubrication of the 2-stroke engine.
✓	LubDiag – Oil Analysis – Laboratory based used oil analysis program.
✓	LubInsight – Suite of onboard testing kits.

