



Crankcase lubricant for 2-stroke crosshead engines.

APPLICATIONS

Lubrication of 2-stroke engines' crankshaft, oil cooled pistons and shaft bearings.

Lubrication of intermediate and tail shaft stern tube bearings.

FEATURES AND BENEFITS

ATLANTA MARINE D 2005 system oil has been specifically designed for the lubrication of slow speed 2-stroke crosshead diesel engines.

Developed in close collaboration with major OEMs, **ATLANTA MARINE D 2005** 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 : ATLANTA MARINE D 2005

CHARACTERISTICS	METHODS	UNITS	TYPICAL VALUES*
S.A.E. Grade	—	—	20
Density at 15°C	ISO 3675	kg/m ³	890
Kinematic viscosity at 40°C	ISO 3104	mm ² /s	70
Kinematic viscosity at 100°C	ISO 3104	mm ² /s	8.8
Flash Point (COC)	ASTM D 92	°C	> or = 220
Pour Point	ISO 3016	°C	- 6
BN	ASTM D 2896	—	6

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

CUSTOMER BENEFITS

✓	ATLANTA MARINE D 2005 offers excellent detergency, thermal stability and resistance to foaming.
✓	The anti-oxidant properties enable superb antirust and anti-corrosive capability.
✓	Water separation and insoluble separation abilities also prevent the build-up of foreign particles and liquids.

GENERAL RECOMMENDATIONS

COMPATIBILITY

Compatible with **generally available crankcase 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

✓	Talusia Universal – The single cylinder oil solution for all IMO 2020 compliant fuels.
✓	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 / ATLANTA MARINE D 2005

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

