

# ATLANTA MARINE D 3005 & D 4005



LUBMARINE

Lubricants

## Description

Atlanta Marine D oils are specifically formulated for the lubrication of crosshead diesel engine (2-stroke) systems and casings requiring high detergency and dispersancy. They are specially suited for:

- Lubrication of crosshead marine engines (2-stroke) systems, casings and bearings of leading marine engine manufacturers, such as:
- MAN B&W, SULZER, Mitsubishi, etc.
- Simplex and Waukesha bearings and stern tubes.
- Piston cooling.
- Certain air compressors.
- Bearings and support blocks.

## Properties

- Sufficient alkalinity to neutralise the acid compounds that can leak into the casing through the rod gaskets.
- Detergency that guarantees the cleanliness of the casing and oil-cooled piston heads.
- High resistance of the additives to high temperatures, maintaining oil TBN and extended service life.
- Excellent resistance to oxidation.
- Great water and insoluble separation capacity, achieving high additive resistance to hydrolysis.
- Miscibility and compatibility with cylinder oils which can leak through the rod gaskets.
- Excellent anti-rust and anti-corrosion properties, protecting circuit and bearing metals.
- Good performance with the most common gaskets.
- Good anti-foam properties.

## Technical specifications

	UNIT	METHOD	VALUE	
SAE GRADE			30	40
Density at 15 °C	g/cm <sup>3</sup>	ASTM D 4052	0.895	0.900
Viscosity at 40 °C	cSt	ASTM D 445	105	145
Viscosity at 100 °C	cSt	ASTM D 445	11.5	14.7
Flash point, open cup	°C	ASTM D 92	220 min.	230 min.
Pour point	°C	ASTM D 97	-9	- 9
TBN	mg KOH/g	ASTM D 2896	5	5

A safety data sheet is available on request.

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Technical data sheet for Lubricants. Revision 2. October 2013.