

# AURELIA TI 4055



LUBMARINE

Lubricants

## Description

AURELIA TI 4055 is a 4-stroke trunk engine lubricant developed for use in both medium-speed marine and stationary engines that use residual fuels with very high sulphur content (up to 3%). It combines an exclusive and novel formulation of the best and latest in additive technology along with highly-refined bases to provide the final oil with a substantial performance margin, given the high levels of stress to which the lubricant is subjected in the latest-generation engines and even in the future development of diesel engines. This oil is specially formulated for:

- Medium-speed trunk diesel engines used both for propulsion in marine applications and as power generation engines in cogeneration plants that burn poor-quality heavy fuel oils with different sulphur content (up to 3%).
- They perform particularly well in engines having very low specific lubricant consumption that use poor-quality residual fuel oils.
- Suitable for lubrication of dividers, bearings and stern tubes

## Properties

- Exceeds API CF quality level
- Ensures total cleanliness of the hot and cold parts of the engine, due to the oil's excellent detergent and dispersant capabilities.
- Excellent resistance to the negative effects of fuel-oil contamination.
- Excellent thermal resistance and high resistance to high-temperature oxidation.
- Due to its good viscosity control, it reduces fillings and oil consumption.
- Good resistance to water contamination, with demulsifying capacity that allows it to protect the engine and quickly remove water after a leak.
- Good anti-wear protection and very good protection of the lubricant film under high pressure.

## Quality levels

AURELIA TI is approved by the leading medium-speed engine manufacturers, such as: WÄRTSILÄ, MAN diesel, Caterpillar MaK, Yanmar, Daihatsu, HIMSEN and Rolls Royce.

## Technical specifications

	UNIT	METHOD	AURELIA TI 4055
SAE Grade			40
Density at 15 °C	g/cm <sup>3</sup>	ASTM D 4052	0.924
Kinematic viscosity at 40 °C	cSt	ASTM D 445	140
Kinematic viscosity at 100 °C	cSt	ASTM D 445	14
Flash point (C/C)	°C	ASTM D 92	230 min.
Pour point	°C	ASTM D 97	- 9
TBN	mg KOH/g	ASTM D 2896	55

A safety data sheet is available on request.

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Technical data sheet for Lubricants. Revision 2 October 2013.