Marine Oil / Lubmarine

AURELIA TI 3040 Y TI 4040

Description

AURELIA TI is a range of 4-stroke engine lubricants developed for use in both medium-speed marine and stationary engines that use residual fuels. AURELIA TI 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 latest-generation engines and even in the future development of diesel engines. These oils are specially formulated for:

• Medium-speed trunk diesel engines used for both propulsion in marine applications and in power generation engines in cogeneration plants, which burn poor-quality heavy fuel oils with different sulphur content.
• They perform particularly well in engines having very low specific lubricant consumption that use poor-quality residual fuel oils.
• Suitable for lubrication of gearboxes, 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 oils 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, approvals and recommendations

• DAIHATSU (Engines)*
• EVERLLENCE (MAN B&W)*
• MaK (Caterpillar) (40)*
• ROLLS ROYCE (40)*
• WÄRTSILÄ (40)*
• YANMAR 4-stroke diesel engines*

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE	
SAE Grade			30	40
Density at 15 ºC	g/cm3	ASTM D4052	0.910	0.912
Kinematic viscosity at 40 ºC	cSt	ASTM D445	112	140
Kinematic viscosity at 100 ºC	cSt	ASTM D445	12	14
Viscosity index	-	ASTM D2270	98	96
Flash point, open cup	ºC	ASTM D92	›230	›230
Pour point	ºC	ASTM D97	-9	-9
TBN	mg KOH/g	ASTM D2896	40	40

The above mentioned characteristics are typical values and should not be considered product specifications.