



LUBRICANTS

POWER TO PERFORM

AURELIA TI 3030 & AURELIA TI 4030

DESCRIPTION

AURELIA TI is a range of trunk piston engine oils developed for use in medium speed diesel engines burning residual fuels. AURELIA TI combines an exclusive formulation of latest additive technologies and a highly refined base oil to provide a substantial safety margin to cope with the higher stress levels even with the latest and future designs of diesel engines.

APPLICATIONS

- Highly rated medium speed diesel engines used in marine and stationary power generation applications, burning heavy fuel oil with various qualities and sulphur contents
- Particularly suitable for low or very low oil consumption engines operating with a poor quality residual fuel
- Bearings and stern-tubes
- Reduction gear lubrication

SPECIAL FEATURES

- API service: exceeds CF specification
- Ensures outstanding cleanliness of the hot and cold parts of the engine, due to improved detergency and dispersancy capabilities
- Reduced build-up heavy deposits in the engine leading to a reduction in maintenance costs
- Excellent resistance to the negative effects of contamination with residual fuel
- Excellent thermal resistance and high temperature oxidation resistance
- Excellent control of viscosity increase leading to reduced top-ups
- Very good water resistance and an outstanding demulsibility capacity leading to maintain the engine performance and to remove the water rapidly after a water ingress
- Very good wear protection and very good oil film strength at extreme pressures



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PHYSICO-CHEMICAL PROPERTIES

CHARACTERISTICS	METHODS	UNITS	AURELIA TI	
			3030	4030
S.A.E GRADE			30	40
Density at 15°C	ISO 3675	Kg / m ³	910	910
Kinematic viscosity at 40°C	ISO 3104	mm ² / s	110	140
Kinematic viscosity at 100°C	ISO 3104	mm ² / s	12	14
Flash Point (COC)	ASTM D 92	°C	>=230	>=230
Pour Point	ISO 3016	°C	-12	-12
BN (ex-TBN)	ASTM 2896	mgKOH / g	30	30

Characteristics of this chart are indicative typical values

APPROVALS

The AURELIA TI range hold approvals from all major medium speed engine manufacturers such as WARSTILA, MAN diesel, Caterpillar MaK, Yanmar, Daihatsu, HiMSEN, Rolls Royce