



## AURELIA TI 3040 & AURELIA TI 4040

### 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.

### 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.

CHARACTERISTICS	METHODS	UNITS	AURELIA TI	
			3040	4040
S.A.E GRADE			30	40
Density at 15°C	ISO 3675	Kg / m <sup>3</sup>	910	910
Kinematic viscosity at 40°C	ISO 3104	mm <sup>2</sup> / s	112	140
Kinematic viscosity at 100°C	ISO 3104	mm <sup>2</sup> / s	12	14
Flash Point (COC)	ASTM D 92	°C	>=230	>=230
Pour Point	ISO 3016	°C	-9	-9
BN (ex-TBN)	ASTM 2896	mgKOH / g	40	40

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

