



### Description

AURELIA LNG is a new generation low ash lubricant, specifically developed to offer extended oil drain interval of natural gas engines.

### Applications

- + Lubrication of four-cycle natural gas engines used in marine and power generation applications when the manufacturers require a low ash oil.
- + Developed for the most severe conditions: high speed engines with higher temperatures and reduced oil sump tank capacity.

## Natural Gas Engine Oil

### Properties

- + The use of hydrocracked base oils significantly increases oil drain intervals, thus reducing engine downtime and running costs.
- + Very low deposits-forming ensured by an excellent cleanliness of hot engine parts.
- + High anti-wear properties for an optimal protection of the most stressed parts.
- + Specific additives provide important anti-wear and anticorrosion properties, along with a limited ash level, which guarantees the compatibility with exhaust gas treatment systems.

### OEM Approvals

- + AGROGEN
- + CATERPILLAR ENERGY SOLUTIONS
- + DEUTZ
- + GE-JENBACHER
- + MAN ES
- + MHIET
- + MTU
- + MWM
- + ROLLS-ROYCE BERGEN
- + TEDOM
- + WAUKESHA

AURELIA LNG 50 is approved MAN ES for use in 35/44G engines when SAE 50 is requested.

AURELIA LNG 40 meets the technical requirements of CUMMINS and WÄRTSILA.

### Typical Characteristics

	Methods	Units	40	50
S.A.E. Grade			40	50
Density at 15°C	ISO 3675	kg/m <sup>3</sup>	874	877.5
Kinematic viscosity at 40°C	ISO 3104	mm <sup>2</sup> /s	122.5	183.5
Kinematic viscosity at 100°C	ISO 3104	mm <sup>2</sup> /s	13.8	18.7
Viscosity index	ISO 2909		110	114
Flash Point (OC)	ISO 2592	°C	284	272
Pour Point	ISO 3016	°C	-30	-33
Sulfated ash	ISO 3987	% wt	0.48	0.48
BN	ASTM D 2896	mgKOH/g	4.6	4.6

Characteristics of this chart are indicative typical values.

#### Handling, Health & Safety

Lubricants consisting of synthetic oils with specific additives. In normal conditions of use, these lubricants present no particular toxic hazard. All lubricants, of any kind, should always be handled with great care, particularly avoiding any contact with the skin. Prevent any risk of splashing, and keep away from combustible materials. Store under cover and away from any risk of contamination.

A safety data sheet complying with current legislation is available at: [www.quickfds.com](http://www.quickfds.com) and [www.totallubmarine.com](http://www.totallubmarine.com)