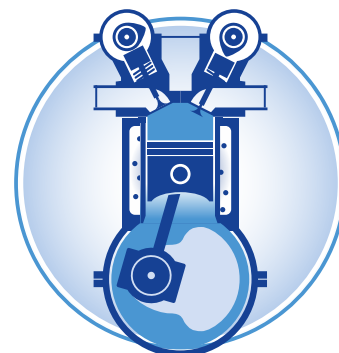


Aurelia LNG 50

Trunk piston oil for pure gas medium speed engines.



APPLICATIONS
Lubrication of four-cycle pure gas engines in marine and power generation applications where the manufacturers require a low ash oil.
Developed for the most severe conditions, medium speed engines with higher temperatures and reduced oil sump tank capacity.
Aurelia LNG 50 was approved by MAN ES for use in 35/44G engines when SAE 50 is requested.

FEATURES AND BENEFITS
Aurelia LNG is a new generation low ash lubricant, specifically developed to offer extended oil drain interval of natural gas engines.
Aurelia LNG combines an exclusive formulation of the latest additive technologies, developed by the TotalEnergies research center.
The product utilizes highly refined base oils to provide a substantial safety margin able to cope with higher stress levels.

SPECIFICATIONS AND APPROVALS	
✓	MAN ES (MAN B&W) 35/44G

TECHNICAL DATA : AURELIA LNG 50			
CHARACTERISTICS	METHODS	UNITS	TYPICAL VALUES*
S.A.E. Grade	–	–	50
Density at 15°C	ISO 3675	kg/m ³	877.4
Kinematic Viscosity at 40°C	ISO 3104	mm ² /s	183.5
Kinematic Viscosity at 100°C	ISO 3104	mm ² /s	18.7
Viscosity Index	ISO 2909	–	114
Flash Point (COC)	ASTM D 92	°C	272
Pour Point	ISO 3016	°C	- 33
Sulfated Ash	ISO 3987	% wt	0.48
TBN	ASTM D 2896	–	4.6

*The specifications above are for illustrative purposes and communicated for information only.

CUSTOMER BENEFITS

✓	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.
✓	The product offers excellent resistance to the negative effects of residual fuel contamination, along with excellent thermal resistance and oxidation resistance.
✓	Specific additives provide important anti-wear and anticorrosion properties, along with a limited ash level, which guarantees the compatibility with exhaust gas treatment systems.
✓	Aurelia LNG performances are recognised by all major manufacturers who tested it successfully in real conditions.

GENERAL RECOMMENDATIONS

COMPATIBILITY

Compatible with generally available trunk piston lubricants.

Please consult your Lubmarine Lubrication Engineer should you have any questions.

STORAGE

This product should be stored under cover in clean, dry conditions and protected from frost.

Recommended storage temperature range is 5°C to 50°C.

Drums that are stored on deck should be raised on pallets and covered to protect from the elements.

COMPLIMENTARY PRODUCTS AND SERVICES

✓	WT Supra – Innovative and environmentally friendly cooling system inhibitor concentrate.
✓	LubDiag – Oil Analysis – Laboratory based used oil analysis program.
✓	LubInsight – Suite of onboard testing equipment.
✓	LubSkills – Lubmarine Engineers are on hand at worldwide locations to assist with lubrication concerns.
✓	Lube On Ship – Visualize your lubricants needs aboard Lubmarine's innovative virtual vessel. lubmarine.totalenergies.com/lube-on-ship

