



Geotex® LA

High performance natural gas engine lubricant

Product Data Sheet



Customer benefits

Catalytic protection

Geotex LA is a low ash, low Total Base Number (TBN), formulation gas engine lubricant. Designed for high output naturally aspirated and turbocharged natural gas engines in stationary applications. Geotex LA contains low levels of zinc and phosphorus elements, making it suitable for use in engines equipped with catalytic exhaust systems.

Optimised engine performance

Geotex LA is designed for maximum compatibility with gas engine catalytic exhaust systems, and contains a maximum of 280ppm phosphorus and 300ppm zinc. Geotex LA contains advanced additive technologies designed to deliver complete protection against engine wear, harmful deposit formations, scuffing, oil oxidation and nitration, in high output natural gas engines. This highly robust lubricant offers a very long service period, and maximises engine life.

Applications

- Recommended for naturally aspirated and turbocharged gas engines in stationary applications, running on sweet or dry natural gas.
- Recommended for natural gas engines with catalytic exhaust systems.

Specifications and approvals

- Geotex LA meets the performance requirements of API CD and Dresser-rand Category III

Geotex LA is approved and listed by the following gas engine manufacturers:

- Deutz Power Systems TI-0199-99-2105 issue 5
- GE Jenbacher TI-1000-1107
- MAN B&W Natural gas applications
- MDE Dezentrale Energiesysteme 28xx and 30xx engines on NG and propane gas
- MTU Type 1
- Perkins Natural Gas

Product features:

Geotex LA's progressive additive technologies deliver high-level wear protection and optimum engine cleanliness to high output natural gas engines, maximising engine life.

- Rolls Royce Bergen
- Wärtsilä

KV-G1, KV-G2 and KV-G3 engines on natural gas
25SG, 28SG, 34SG, 220SG and 32DF engines
on natural gas

Geotex LA meets the requirements of Caterpillar and has been successfully field tested in Caterpillar 3500 series natural gas engines for over 6000 hours.

Geotex LA also meets the requirements of the following manufacturers for gas engines fuelled by natural gas:

- Waukesha and Mirrlees

Product specifications

GEOTEX LA TYPICAL DATA			
TEST	TEST METHODS	RESULTS	
Viscosity Grade		30	40
Density, 15 °C, kg/l	ASTM D4052	0.89	0.90
Visc, Kinematic, 40 °C, mm ² /s	ISO 3104	105	125.3
Visc, Kinematic, 100 °C, mm ² /s	ISO 3104	11.7	13.2
Viscosity Index	ISO 2909	99	99
Pour Point, °C	ISO 3016	-27	-24
Flash Point COC, °C	ISO 2592	242	244
Total Base Number, mg KOH/g	ISO 3771	5.2	5.2
Sulphated Ash, %wt	ASTM D0874	0.45	0.45

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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