



Geotex[®] LA SAE 40

High performance natural gas engine lubricant

Customer benefits

Catalytic protection

Geotex LA SAE 40 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 SAE 40 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 SAE 40 is designed for maximum compatibility with gas engine catalytic exhaust systems, and contains a maximum of 280ppm phosphorus and 300ppm zinc. Geotex LA SAE 40 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.

Product features

Geotex LA SAE 40's progressive additive technologies deliver high-level wear protection and optimum engine cleanliness to high output natural gas engines, maximising engine life.

Approvals, performance and recommendations

Approvals

- MWM TI-0199-99-2105 issue 10
- GE Jenbacher TI-1000-1109 type 2, 3 engines in Fuel A (natural gas) applications
- MAN B&W Natural gas applications
- MTU Onsite Energy GmbH series 400 (natural gas and propane gas)
series 4000 L61/L62/L63
- Perkins Natural Gas
- Rolls Royce Bergen KV-G1, KV-G2 and KV-G3 engines on natural gas
- Wärtsilä 25SG, 28SG, 34SG, 220SG and 32DF engines on natural gas

Performance

- API CD
- Dresser-Rand Category III
- Waukesha and Mirrlees Natural Gas
- Caterpillar Meets the requirements and has been successfully field tested in Caterpillar 3500 series natural gas engines for over 6000 hours, with excellent results.

Typical test data		
Test	Test methods	Results
Viscosity Grade		SAE 40
Density, 15°C, kg/l	ASTM D4052	0.90
Visc, Kinematic, 40°C, mm ² /s	ISO 3104	125.3
Visc, Kinematic, 100°C, mm ² /s	ISO 3104	13.2
Viscosity Index	ISO 2909	99
Pour Point, °C	ISO 3016	-24
Flash Point COC, °C	ISO 2592	244
Total Base Number, mg KOH/g	ISO 3771	5.2
Sulphated Ash, %wt	ASTM D0874	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.

Disclaimer Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheets.

Health, safety, storage and environmental Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

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