



# Geotex<sup>®</sup> LF

## High performance gas engine lubricant

Product Data Sheet



### Customer benefits

#### The high performance solution

Geotex LF is a high quality mineral formulation gas engine lubricant, developed for use in high performance naturally aspirated and turbocharged gas engines in stationary applications, running on landfill, sewage or natural gas with a high sulphur content.

#### Maximum component protection

Geotex LF's superior quality base stocks deliver high performance oxidation/nitration control and maximum engine wear, scuffing and deposit formation protection. Geotex LF exhibits a relatively high alkalinity reserve, measured by Total Base Number (TBN), providing high-level protection against corrosive elements present in sour natural gas, and the hydrogen sulphide, chlorine and fluorine compounds present in landfill and sewage gases.

This 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 landfill gas, sewer gas, sour natural gas or other gases containing corrosive elements.
- Geotex LF is compatible with NSCR type exhaust catalysts. For gas engines equipped with exhaust catalysts, it is recommended to consult the catalyst manufacturer regarding zinc, phosphorus and sulphated ash level limits.

### Approvals and performance

#### Performance

- Geotex LF meets the API CD category performance level.
- Geotex LF meets the requirements of Dorman Diesels, Fincantieri Diesels, Mirrlees, Perkins Engines, Ruston Diesels and Waukesha.

### Product features:

Geotex LF provides advanced technology corrosion and wear protection to stationary gas engines running on sour landfill, sewer and natural gases, optimising engine performance and maximising service life.

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## Approvals

- Geotex LF is approved by Deutz AG (TI-0199-99-2105 issue 5), GE Jenbacher AG (TI-1000-1105), MDE Dezentrale Energiesysteme and against MAN Nützfahrzeuge specification 3271-2.

## Product specifications

GEOTEX LF TYPICAL DATA		
TEST	TEST METHODS	RESULTS
Viscosity Grade		40
Density, 15 °C, kg/l	ASTM D4052	0.89
Visc, Kinematic, 40 °C, mm <sup>2</sup> /s	ISO 3104	139
Visc, Kinematic, 100 °C, mm <sup>2</sup> /s	ISO 3104	14.0
Viscosity Index	ISO 2909	97
Pour Point, °C	ISO 3016	-24
Flash Point COC, °C	ISO 2592	242
Total Base Number, mgKOH/g	ISO 3771	8.5
Sulphated Ash, %wt	ASTM D0874	0.99
Colour, (dil)	ISO 2049	<3.5

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 Sheet's.

**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). MSDS's 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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