



# Geotex<sup>®</sup> HD

## High performance gas engine lubricant

### Customer benefits

#### High output engine protection

Geotex HD is a medium ash, medium Total Base Number (TBN), and mineral formulation gas engine lubricant. Designed for both naturally aspirated and turbocharged dual-fuel and spark-ignited gas engines in stationary applications, Geotex HD delivers complete protection to high-output gas engines running on every type of gas.

#### High TBN performance

Geotex HD has a relatively high alkalinity reserve measured by Total Base Number TBN, neutralising acidic combustion products such as H<sub>2</sub>S, chlorine and fluorine.

Geotex HD's advanced additive systems deliver maximum lubricant durability and engine protection against deposit formation, wear, scuffing, oil oxidation and nitration, under demanding conditions in high-output gas engines.

### Applications

- Recommended for naturally aspirated and turbocharged gas engines in stationary applications, running on biogas or landfill gas.
- Recommended for dual-fuel engines where pilot injection is used, or spark ignited engines running on natural gas, particularly engines with low oil consumption characteristics.
- For gas engines with catalytic exhaust systems, the catalyst manufacturer's recommendations on zinc, phosphorus and sulphated ash level limits should be consulted.

### Product features

**High-durability Geotex HD delivers maximum protection against wear, scuffing, oxidation and deposit formation in high-output gas engines running on every type of gas.**

## Approvals, performance and recommendations

### Approvals

- Dorman Diesels (Natural gas), Fincantieri Diesels, Jenbacher, MWM-Deutz, Perkins Engines, Ruston Diesels.

### Performance

- API CD

Geotex HD also meets the performance requirements of Mirrlees, MAN and Waukesha.

Typical test data		
Test	Test methods	Results
<b>Viscosity Grade</b>		<b>40</b>
Density, 15°C, kg/l	ASTM D4052	0.91
Visc, Kinematic, 40°C, mm <sup>2</sup> /s	ISO 3104	136
Visc, Kinematic, 100°C, mm <sup>2</sup> /s	ISO 3104	13.5
Viscosity Index	ISO 2909	93
Pour Point, °C	ISO 3016	-20
Flash Point COC, °C	ISO 2592	240
Total Base Number, mg KOH/g	ISO 3771	7.0
Sulphated Ash, %wt	ASTM D0874	0.75

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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