



Geotex[®] LF SAE 40

Proven performance gas engine oil

Product description

Geotex LF SAE 40 is a proven performance mineral gas engine oil, suitable for both naturally aspirated and turbocharged gas engines in stationary applications.

Geotex LF SAE 40 is formulated for use in gas engines running on landfill, sewage and natural gas with a high sulphur content.

Customer benefits

- Relatively high alkalinity reserve contributes high level protection against corrosive elements in sour natural gas and the hydrogen sulphide, chlorine and fluorine compounds in land fill and sewage gases
- High oxidation and nitration performance offers engine protection and helps extend component service life
- Formulated to promote reliable wear and scuffing protection with dependable deposit formation resistance
- Offers compatibility with non-selective catalytic reduction (NSCR) type catalysts

Product highlights

- **Offers protection against corrosive gases**
- **Helps extend component service life**
- **Wear, scuffing, deposit formation resistance**
- **Compatibility with NSCR type catalysts**

Selected specification standards include:

API	Dorman Diesels
Fincantieri Diesels	GE Jenbacher
MAN Nützfahrzeuge	Mirrlees
MTU Onsite Energy GmbH	MWM
Perkin Engines	Ruston Diesels
Waukesha	

Applications

- Recommended for naturally aspirated and turbocharged gas engines in stationary applications, running on landfill gas, sewer gas, sour natural gas and 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, performance and recommendations

Approvals

- MWM TI-0199-99-2105, issue 10
- GE Jenbacher TI-1000-1105
- MAN Nützfahrzeuge 3271-4
- MTU Onsite Energy GmbH 400 series (biogas, landfill and sewage gas)

Performance

- API CD
- Dorman Diesels
- Fincantieri Diesels
- Mirrlees
- Perkin Engines
- Ruston Diesels
- Waukesha

Typical test data		
Test	Test Methods	Results
Viscosity Grade		40
Product Code		02323.1
Density at 15°C, kg/l	ASTM D4052	0.89
Kinematic viscosity at 100°C, mm ² /s	ASTM D445	14.0
Pour Point, °C	ASTM D97	-24
Flash Point, COC, °C	ASTM D92	242
Total Base Number, mg KOH/g	ASTM D2896	8.5
Sulphated Ash, %wt	ASTM D874	0.99

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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