

# LFGEO Low Ash 40

## Landfill Gas Engine Oil

### Description

Nemco's Landfill Gas Engine Oil Low Ash 40 is a premium quality, high performance, low ash dispersant/detergent type gas engine oil, specifically formulated for landfill gas, biogas, digester gas and sour gas applications. Using a combination of high performance premium base oils and an award winning additive package\* allows this oil to provide extended service protection for engines burning aggressive sour gases.

Nemco's LFGEO Low Ash 40 is designed to reduce the negative effects of siloxanes in landfill applications by controlling both the size and dispersion of silica particles. The proprietary technology breaks up silica particles and contains a dispersant system that allows silica particles to stay in solution, protecting the engine from deposits on engine parts and the associated wear that shortens service life.

### Advantages

- Maximize oil service and long engine life
- Minimize operating and maintenance costs
- Award winning industry lubrication solution
- Proven performance in naturally aspirated and turbo charged engines used in gas compression and power generation applications

### Applications

- Four-stroke engines fueled by landfill gas containing elevated levels of CFCs
- Sour gas applications where corrosive wear is a special concern
- Engines requiring/preferring low ash lubricant

### Meets and/or Exceeds:

- Caterpillar\*\*
- Cummins
- Dresser R and
- Guascor
- Jenbacher
- MAN Diesel & Turbo 4T
- MTU
- MWM
- Nilgata
- WARTSILA 4T
- WAUKESHA
- API CF

**\*\*Caterpillar approved additive package; field trial required no engine decoking, demonstrated a 50% reduction in oil consumption. Additional OEM field trial approval testing in progress.**

**\* F&L Awards; Product Development of the Year Winner 2018**

### Use and Storage

To get the best performance from your equipment ensure products meet or exceed manufacturing requirements. Lubricants typically have a shelf life of 5 years under ideal storage conditions. Keep drums and totes in good condition and away from moisture. Keep bungs securely in place; as bungs breathmoisture can seep in over time. Where possible, avoid storage in areas where the temperature fluctuates between extreme highs and lows.

## Typical physical characteristics - Nemco LFGE0 40 LA

Properties	Method	Result
SAE Grade	-	40
Kinematic Vis@40°C mm <sup>2</sup> /s	ASTM D445	130
Kinematic Vis@100°C mm <sup>2</sup> /s	ASTM D445	14.1
Viscosity Index	ASTM D2270	110
Sulfated Ash, mass %	ASTM 874	<0.40
Flash Point, (COC) °C(°F)	ASTM D92	264(507)
Pour Point, °C(°F)	ASTM D97	-21(-6)
TBN, mg KOH/g	ASTM D2896	6.2
Sulfated Ash, mass %	ASTM D874	< 0.40

*These characteristics are typical of current production, variations in these characteristics may occur.*

## Availability and product codes

Pack size	20L pail	205L drum
LFGE0 40 LA	DMORZ0167	DMORZ0166
Availability	To order, contact us toll free at 855.755.6737 or orderdesk@nemco.ca	

## Health, Safety, & Environment

GHS compliant Safety Data Sheets are available at [nemco.ca](http://nemco.ca) under Safety Data Sheets. For SDS in French, please contact [info@nemco.ca](mailto:info@nemco.ca). This product is not classified as hazardous under WHMIS 2015. The SDS contains valuable information critical to the safe handling and proper use of the product. Always take used oil to an authorized collection point. Do not discharge into drains, soil, or water.

## Quality

Nemco Resources Ltd works with respected industry suppliers for lubricant additives and base oils. Nemco is a member of ILMA and the manufacturing facility in Winnipeg, Manitoba is proud to be certified to ISO9001. For questions regarding quality, please contact your local sales representative.