

# LONG LIFE BIOGAS 4005



COGENERATION GAS

## Lubricants

### Description

Long-life lubricant oil specifically developed for stationary gas engines that run on landfill gas, biogas and process gas (with low methane content and high concentration of corrosive gases).

Its formula includes highly refined bases that endow the oil with long life under severe working conditions using landfill gases. The product's performance has been tested with latest-generation engines running at full capacity.

### Properties

- Improved retention of the alkaline reserve than other engine oils with landfill gases. This increases the oil's capacity to prolong the change interval up to 50% more than other products.
- Excellent resistance to oxidation and nitration.
- Low ash content (0.55%), minimising the formation of deposits and extending the service life of the engine's components.
- Its formula reduces the negative effects of using severe gases.

### Quality level

- Jenbacher TA 1000-1109 (approved) for B and C-type gases

### Technical specifications

	UNIT	METHOD	VALUE
SAE grade			40
Density at 15 °C	g/cm <sup>3</sup>	ASTM D 4052	0.875
Viscosity at 40 °C	cSt	ASTM D 445	126
Viscosity at 100 °C	cSt	ASTM D 445	13.9
Viscosity index		ASTM D 2270	108
Flash point, V/A	°C	ASTM D 92	278
Pour point	°C	ASTM D 5950	-36
TBN	mg KOH/g	ASTM D 2896	4.5
Sulphated ashes	% weight	ASTM D 874	0.55

A safety data sheet is available on request.

repsol.com  
+34 901 111 999

Technical data sheet for Lubricants. Revision 1. February 2013