

MOTOR GAS HTM 40



COGENERATION GAS

Lubricants

Description

Mineral lubricant oil for turbocharged and naturally aspirated stationary gas engines. Suitable for a wide variety of gases, such as natural gas, biogas, landfill gas, process gas and other gases with a higher sulphur content than natural gas (check with the manufacturer). Specially formulated for applications in which manufacturers require a product with a high alkaline reserve and average ash content.

Properties

- Specially designed for use in all engines fuelled by biogas, process gases, coke gas, or gases with high sulphur content. The alkaline reserve allows the acids produced in combustion to be neutralised.
- Protects against wear, as a result of both friction and corrosion due to acidic gases.
- Excellent detergent/dispersant properties keep the engine clean by controlling deposits, avoiding wear in pistons and sleeves.
- High resistance to oxidation and nitration.
- Excellent control of the valve recession typical of cogeneration gas engines.

Quality levels

- JENBACHER 1000-1109 (approved for engines installed until September 2009)
- ROLLS ROYCE BERGEN K-G1/ K-G2/K-G3 (approved for biogas)

Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			40
Density at 15 °C	g/cm ³	ASTM D 4052	0.894
Viscosity at 100 °C	cSt	ASTM D 445	13.2
Viscosity at 40 °C	cSt	ASTM D 445	130
Viscosity index	-	ASTM D 2270	96
Flash point, O/C	°C	ASTM D 92	220 min.
Pour point	°C	ASTM D 97	-12
TBN	mg KOH/g	ASTM D 2896	8
Sulphated ashes	% in weight	ASTM D 874	0.8

A safety data sheet is available on request.

repsol.com
+34 901 111 999

Technical data sheet for Lubricants. Revision 5. February 2012.