

# MOL GMO MA 40

## gas engine oil



MOL GMO MA 40 is a moderately low ash gas engine oil produced from premium quality base oils and a special additive system, which meets the most stringent requirements of engines operated with biogas or landfill gas.

### Application



Naturally aspirated and turbocharged gas engines fueled by natural gas, methane, biogas, landfill gas or LPG.

Gas engines operating primarily on corrosive gases

Four-stroke spark ignition gas engines

Reciprocating compressors operated on biogas or landfill gas

### Features and benefits

Medium ash content

Prevents abnormal valve seat recession, neutralizes acidic combustion products and protects against corrosion

Excellent lubricity

Increased equipment service life, reduced spare parts and operational costs

Improved corrosion protection

Prevents harmful effects of acidic combustion products

Outstanding oxidation stability

Long lubricant lifetime, reduced maintenance costs and lower environmental impact

Protection against nitration

Prevents formation of sludge and deposits

Outstanding detergent-dispersant properties

Preserves engine cleanliness for a long period and prevents deposition of solid contaminants

### Specifications and approvals

Viscosity grade: SAE 40

GE Jenbacher for TA 1000-1109 (class B fuel gas, Series 2 & 3)

API CF

### Properties

Properties	Typical values
Density at 15°C [g/cm <sup>3</sup> ]	0,893
Kinematic viscosity at 40°C [mm <sup>2</sup> /s]	145,8
Kinematic viscosity at 100 °C [mm <sup>2</sup> /s]	14,7
Pour point [°C]	-18
Flash point (Cleveland) [°C]	258
Acid number (AN) [mg KOH/g]	1,60
Base number (BN) [mg KOH/g]	10,1
Sulphated ash [mass %]	1

The characteristics in table are typical values of the product and do not constitute a specification.

# MOL GMO MA 40

## gas engine oil



### Storage and handling instructions

Store in the original container in dry, properly ventilated area.

Keep away from direct flame and other sources of ignition.

Protect from direct sunlight.

During transport, storage and use of the product follow the work safety instructions and environmental regulations relating to mineral oil products.

For further details please read the Material Safety Data Sheet of the product.

Engine oils are finished lubricant formulations where additional additives are unnecessary and may result in unforeseeable adverse effects.

The manufacturer and distributor shall not be held liable for such possible damages.

In the original container under the recommended storage conditions: 60 months

Recommended storage temperature: max. 40°C