

# GENOGAS MA 40



**BEHTAM**  
RAVANKAR



Gas engine oil

Medium ash (< 1 %) detergent mineral oil for spark ignited and Dual fuel gas engines.

## APPLICATIONS

**Natural and bio-gas engines**

- Lubrication of modern spark ignited engines where a medium ash content (between 0.5 and 1 %) is accepted by the manufacturer: Dual fuel gas engines, biogas engines.

## SPECIFICATIONS

Engine manufacturer

- **GENOGAS MA 40** meet the requirements of the following manufacturers:
  - GUASCOR
  - GMT FICANTIERI « B9213 » standard
  - GE JENBACHER « 1000 – 1106 » standard for « LEANOX » (lean-burn) engines
  - WÄRTSILÄ (CR 26 GD, VJ3S series)
  - WAUKESHA (VGF series)
  - MAN
  - MDE

## ADVANTAGES

Extended drain intervals

- **GENOGAS MA 40** contains mineral base oils selected for their thermal stability, nitration and oxidation resistance.

Engine protection

- The specific additives give either important antiwear, anticorrosion properties and improved detergency. This detergency level ensures the neutralization of acid components coming from fuel (« Dual-Fuel » engines) or from the H<sub>2</sub>S contained in the biogas. (Please consult us concerning the H<sub>2</sub>S gas concentration).

TYPICAL CHARACTERISTICS	METHODS	UNITS	GENOGAS MA 40
SAE Grade			40
Density at 15°C	ASTM D 4052	kg/m <sup>3</sup>	895
Kinematic viscosity at 40 °C	ASTM D 445	mm <sup>2</sup> /s	152.2
Kinematic viscosity at 100 °C	ASTM D 445	mm <sup>2</sup> /s	15.1
Viscosity index	ASTM D 2270	-	98
Flash point OC	ASTM D 92	°C	260
Pour point	ASTM D 97	°C	- 21
Sulfated ash	ISO 3987	%	0.82
BN	ASTM D 2896	mgKOH/g	8.8

Above characteristics are mean values given as an information.

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