

# NATERIA MJ 40



Gas engine oil



Medium ash (< 1 %) detergent mineral oil for gas engines.

## APPLICATIONS

**Natural and bio-gas engines**  
**Dual Fuel engines**  
**Some landfill gas engines**

- Lubrication of engines in power generation plants, with or without cogeneration, when a medium ash content (between 0.5 and 1 %) is accepted by the manufacturer: Dual fuel gas engines, biogas engines.
- Low halogen content landfill gas engines. For engines fed with medium and high halogens contaminated landfill gases, use NATERIA ML 406.

## SPECIFICATIONS

Engine manufacturer

- **NATERIA MJ 40** meets the requirements of all major manufacturers and is approved by the following manufacturers:
  - MAN
  - MDE
  - MWM

## ADVANTAGES

Extended drain intervals

Engine protection

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

TYPICAL CHARACTERISTICS	METHODS	UNITS	NATERIA MJ 40
SAE Grade	-	-	40
Density at 15°C	ISO 3675	kg/m <sup>3</sup>	891
Kinematic viscosity at 40 °C	ISO 3104	mm <sup>2</sup> /s	148
Kinematic viscosity at 100 °C	ISO 3104	mm <sup>2</sup> /s	15.1
Viscosity index	ISO 2909	-	104
Flash point OC	ISO 2592	°C	250
Pour point	ISO 3016	°C	- 12
Sulfated ash	ISO 3987	%	0.82
BN	ASTM D 2896	mgKOH/g	8.8

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS  
Industrie & Spécialités  
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NATERIA MJ 40  
1/1



This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.  
A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded from [www.quick-fds.com](http://www.quick-fds.com).