

# NATERIA MH 40



Gas engine oil



Low ash (< 0,5 %) detergent mineral oil for gas engines.

## APPLICATIONS

### Natural gas engines

- Lubrication of engines in power generation plants, with or without cogeneration, when the manufacturer requires an oil ash content up to 0.5 %.

## SPECIFICATIONS

### Engines manufacturers

- **NATERIA MH** meets the requirements of all major manufacturers, and is approved by the following manufacturers :

- CATERPILLAR (séries 3300 à 3500)
- GE - JENBACHER
- MDE
- MTU
- MWM
- PERKINS
- WAUKESHA (APG 2000/3000)
- WARTSILA (220 SG)

## ADVANTAGES

### Long oil life

- Contains mineral base oils selected for their thermal stability, nitration and oxidation resistance.

### Engines protection

- The specific additives give important antiwear and anticorrosion properties, with a limited ash level, which guarantees the compatibility with the exhaust gas treatment systems.

### Engine cleanliness

- This low ash content reduces the combustion chamber desposits risks and ensuring an optimal cleanliness.

TYPICAL CHARACTERISTICS	METHODS	UNITS	NATERIA MH 40
SAE Grade			40
Density at 15°C	ISO 3676	kg/m <sup>3</sup>	890
Kinematic viscosity at 40 °C	ISO 3104	mm <sup>2</sup> /s	142.2
Kinematic viscosity at 100 °C	ISO 3104	mm <sup>2</sup> /s	14.8
Viscosity index	ISO 2909		105
Flash point OC	ISO 2592	°C	250
Pour point	ISO 3016	°C	- 12
Sulfated ash	ISO 3987	% wt	0.45
BN	ASTM D 2896	mgKOH/g	5.5

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS  
Industrie & Spécialités

27-04-2012 (Supersedes 27-07-2011)

NATERIA MH 40

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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).