

# NATERIA MJ 40



Gas engine oil

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

## APPLICATIONS

Natural and bio-gas engines  
Some landfill gas engines

- Our **NATERIA Family of products** are formulated with advanced “GEOA” technology that provides top-tier performance and maximum stability in high-output, highly-turbocharged natural 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.
- Low halogen content landfill gas engines. For engines fed with medium and high halogens contaminated landfill gases, use «DISOLA 4015».

## SPECIFICATIONS

Engine manufacturer

All types of service.

**NATERIA MJ 40** is approved or 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

Engine protection

- **NATERIA MJ 40** contains mineral base oils selected for their thermal stability, nitration and oxidation resistance.
- The specific additives give provide 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	METHOD	UNITS	NATERIA MJ 40
SAE Grade			40
Density at 15°C	ASTM D 1298	kg/m <sup>3</sup>	891
Kinematic viscosity at 40 °C	ASTM D 445	mm <sup>2</sup> /s	148
Kinematic viscosity at 100 °C	ASTM D 445	mm <sup>2</sup> /s	15.1
Viscosity index	ASTM D 2270	-	104
Flash point °C	ASTM D 92	°C	250
Pour point	ASTM D 97	°C	- 12
Sulfated ash	ASTM D 874	%	0.82
BN	ASTM D 2896	mgKOH/g	8.8

\*Above characteristics are mean values given as information.

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NATERIA

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This lubricant must be applied as recommended and used for the application for which it was designed. TOTAL Specialties USA, Inc. will have no responsibility for any injury to persons or property resulting from misuse or misapplication of the lubricant. A safety data sheet conforming to the OSHA Hazard Communication Standard 29 CFR Section 1910.1200 can be downloaded at www.totalspecialties.com. Copyright 2016 All rights reserved.