

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 needing a **medium ash oil**, with an ash content comprised between 0.5% and 1%, in power generation plants, with or without cogeneration.
- **Dual fuel** engines, **biogas engines**.
- Low halogen content landfill gas engines. For engines fed with medium and high halogens contaminated landfill gases, use NATERIA ML 406.

ADVANTAGES

Extended drain intervals

Engine protection

- **NATERIA MJ 40** contains hydrocracked 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 H₂S contained in the biogas.

TYPICAL CHARACTERISTICS	METHODS	UNITS	NATERIA MJ 40
SAE Grade	-	-	40
Density at 15°C	ISO 3675	kg/m ³	878
Kinematic viscosity at 40 °C	ISO 3104	mm ² /s	138.6
Kinematic viscosity at 100 °C	ISO 3104	mm ² /s	15.1
Viscosity index	ISO 2909	-	111
Flash point OC	ISO 2592	°C	280
Pour point	ISO 3016	°C	- 36
Sulfated ash	ISO 3987	%	0.82
TBN	ASTM D 2896	mgKOH/g	8.8

Above characteristics are mean values given as an information.

SPECIFICATIONS

Engine manufacturer

NATERIA MJ 40 performances are recognised by all major manufacturers who tested it successfully in real conditions.

The following homologations have been granted :

- **CATERPILLAR ENERGY SOLUTIONS** – 2105/14 – sulphated ash content between 0,5 and 1,0 %wt, CG132, CG170, CG260 engines
- **GE-JENBACHER** –
Type 2 and 3 engines : Gas type B
- **MAN** – M3271-4 – Stationnary engines – Special Gas
- **MTU 400BR series** – Biogas – All engines
- **MTU 4000 series** – Biogas – L32FB / 62FB
- **MWM** – 2105/14 – sulphated ash content between 0,5 and 1,0 %wt, moteurs 616, 620, 632 engines
- **TEDOM** - Biogas, sewage and landfill gas.

TOTAL LUBRIFIANTS
INDUSTRIE

18-07-2018 (supersedes 26-01-2017)

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