NATERIA MJ 40

Stationary gas engine

Medium ash (0.8 %), Advanced mineral gas engine oil for severe gases

APPLICATIONS

Four-stroke engines fueled by renewable gases such as biogas and landfill gas

- Engines where a medium ash oil is needed to neutralize high levels of hydrogen sulphur (H2S) and impurities such as halogens and siloxanes within the gaseous fuel
- Engines running specially on untreated biogas, sewage and landfill gases
- Engines where higher ash levels are preferred for optimised piston head life and valve recession control

ADVANTAGES

Extended drain intervals

Increased engine protection

- **NATERIA MJ 40** contains hydrocracked base oils selected for their high thermal stability, nitration and oxidation resistance.
- **NATERIA MJ 40's** specific additive system demonstrated excellent TBN retention and antiwear performance in the field.
- **NATERIA MJ 40's** elevated TBN is ideal in neutralizing acids coming from the gas combustion or impurites to give longer drain intervals and keep engine parts cleaner.

SPECIFICATIONS

Engine manufacturers

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** – sulphated ash content between 0,5 and 1,0 %wt – CG132/170/260 engines
- **INNIO JENBACHER –** gas type B and C – Type 2 and 3 engines
- **MAN** – M3271-4 – Special Gas – All engines
- **MTU 400BR series –** Biogas – All engines
- **MTU 4000 series** – Biogas – L62FB engines
- **MWM** – sulphated ash content between 0,5 and 1,0 %wt – TCG 2016/20/32 engines
- **TEDOM** – Biogas – Cento engines

TYPICAL CHARACTERISTICS	METHODS	UNITS	NATERIA MJ 40
SAE Grade	-	-	40
Density at 15°C	ISO 3675	kg/m^3	891
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.

TOTAL LUBRIFIANTS
INDUSTRIE
24-03-2020 (supersedes 26-01-2017)
NATERIA MJ 40
1/1