



NATERIA MP 40

Premium low ash gas engine oil

APPLICATIONS & ADVANTAGES

Four-cycle natural gas engines in hard conditions

Lubrication of engines requiring a **Low Ash** oil, in power generation plants, with or without cogeneration.

Developed for the most severe conditions: fast engines, high temperatures, small oil sump capacity.

Extended drain intervals

The use of **hydrocracked base oils** significantly increases oil drain interval, reducing the number of engine downtimes and the running cost

Reinforced wear protection

High anti-wear properties for an optimal protection of the most stressed parts

Exceptional engine cleanliness

Very low deposits-forming ensuring an excellent cleanliness of hot engine parts.

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

SPECIFICATIONS & APPROVALS

The following homologations have been granted:

- **AGROGEN** – all biogas engines – BGA series
- **CATERPILLAR ENERGY SOLUTIONS** CG132, CG170, CG260 for natural gas
- DEUTZ
- **INNIO JENBACHER**
Engine types 2 & 3 : Gas type A & CAT
Engine types 4 C : Gas type A & CAT
Engine types 6 E & C : Gas type A & CAT
- **MAN** – M3271-2 – Stationary Engines – Natural Gas
- **MAN** – M3271-4 – Stationary Engines – Special Gas
- **MTU 4000 series** – Natural Gas – L32/33 / L61/62/63/64
- **MTU 4000 series** – Biogaz – L32 FB / L62 FB
- **MWM** – TCG 2016, 2020, 2032, 3016, 3020 for natural gas
- **BERGEN** – K-G1, K-G2, K-G3, K-G4, BV-G

Nateria MP 40 also meets the technical requirements from CATERPILLAR, INNIO WAUKESHA and WÄRTSILÄ among others.



For additional information, contact your local Totalenergies Lubricants representative or visit our web site: <https://lubricants.totalenergies.com>

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 downloaded from <https://sdstotalsms.total.com>

TYPICAL CHARACTERISTICS

PROPERTIES	VALUES	UNITS	STANDARDS
SAE Grade	40	-	-
Density at 15°C	874	kg/m ³	ISO 3675
Kinematic viscosity at 40°C	122.5	mm ² /s	ISO 3104
Kinematic viscosity at 100°C	13.8	mm ² /s	ISO 3104
Viscosity index	110	-	ISO 2909
Flash point COC	284	°C	ISO 2592
Pour point	- 30	°C	ISO 3016
Sulfated ash	0.48	% wt	ISO 3987
TBN	4.6	mg KOH/g	ASTM D 2896

Above characteristics are mean values given as an information.

RECOMMENDATIONS

OIL MONITORING

Take out the best of your engines by implementing ANAC GAS oil monitoring program.

SHELF LIFE

Shelf life is 3 years for unopened drums.

STORAGE

Store the product away from humidity at temperatures not exceeding 35°C.



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