TECHNICAL DATA SHEET

V.01/2024 Ref. 00000000

# 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.



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# TYPICAL CHARACTERISTICS

| PROPERTIES | VALUES | UNITS | STANDARDS |
|---|---|---|---|
| SAE Grade | 40 | - | - |
| Density at 15°C | 874 | kg/m3 | ISO 3675 |
| Kinematic viscosity at 40°C | 122.5 | mm²/s | ISO 3104 |
| Kinematic viscosity at 100°C | 13.8 | mm²/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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