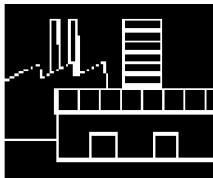


# NATERIA MH 40



*Gas Engine Oil*



Low ash (<0.5%) detergent mineral oil for modern spark ignited gas engines.

## PRODUCT PROFILE



Nateria MH 40 is high performance gas engine oil designated to approve or meet the requirements of modern gas engine operating under heavy load and high temperatures. Nateria MH 40 approved or meet the requirements of the following manufacturers :

- CATERPILLAR (3300 to 3500 series)
- CUMMINS (except B & C series)
- DEUTZ Power Systems
- IVECO-AIFO
- GE JENBACHER Technical Instructions 1000-1107
- MITSUBISHI
- PERKINS (Shewsbury, Stafford)
- WARTSILA (220 SG)
- WAUKESHA (VHP,AT)
- MAN M 3271-2
- MDE

## APPLICATIONS

Lubrication of modern spark ignited engines fed with natural gas, when the manufactures require ash content between 0.35 % and 0.5 %. These engines are generally used in cogeneration (CHP: combined heat and power) power plants, gas compressor etc.

## ADVANTAGES

Selective base oils with excellent oxidation & nitration resistance helps in

- Longer drain interval
- Optimum engine and component life.

Speciality additive infusion helps in

- Clean engine components
- Wear protection of engine components like valve train.
- Low ash content in conjunction with excellent detergency provides required balance between valve train protection as well as required combustion chamber deposits.

### TOTAL LUBRICANTS INDIA LTD.

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Regional Offices : Chennai Tel. 044 28412790/28412823, Mumbai Tel. 022 25705775/6/7, Noida Tel. 0120 2516794/5/6

Date 01/09

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Typical Characteristics	Reference Method	NATERIA MH 40
Density at 29.5°C, kg/l	ASTM D 4052	0.890
Kinematic viscosity at 100°C, cSt	ASTM D 445	14.8
Kinematic viscosity at 40C, cSt	ASTM D 445	142.2
Viscosity Index	ASTM D 2270	105
Pour point, °C	ASTM D 97	- 12
Total Base Number, mg KOH/g	ASTM D 2896 (B)	5.5
Sulfated Ash	ASTM D 874	0.43
Flash point COC, °C	ASTM D 92	248

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