

# NATERIA MH



NATURAL GAS  
ENGINE OILS



**Premium, Low-Ash, Natural Gas Engine Oils for Severe Service.**

*(Formerly NATERIA CATCO XD NA)*

## APPLICATIONS

All types of service.

- Our **NATERIA Family of products** are formulated with advanced “GEOA” technology that provides top-tier performance and maximum stability in high-output, highly-turbocharged natural gas engines.
- **NATERIA MH** is recommended for both 2-cycle and 4-cycle natural gas and LPG fueled engines working under moderate to severe service operating conditions where the manufacturer requires a low ash level (0.4%-0.6%).
- Recommended for the following manufacturers of natural gas engines: Caterpillar, MDEWaukesha, Cooper-Bessemer 4-cycle engines, Dresser-Rand Class I, II, and III, Enterprise, Fairbanks-Morse, Hercules, Superior, Waukesha (except VGF series), Worthington 4-cycle engines, DEUTZ, GE-Jenbacher, MAN M 3271-2.

## SPECIFICATIONS

- API SERVICE CF/CD

## ADVANTAGES

Low-ash (0.4%-0.6%).

- Low-ash oil and is catalyst compatible.
- Excellent detergency and dispersancy.
- Excellent anti-wear, anti-corrosion, anti-foam, and rust protection.
- Low volatility.
- Excellent chemical stability with resistance to oxidation and nitration.

TYPICAL CHARACTERISTICS	METHODS	NATERIA MH	
SAE Grade		30	40
Viscosity at 40°C, cSt	ASTM D 445	82.5	136.5
Viscosity at 100°C, cSt	ASTM D 445	10.5	14.1
Viscosity Index	ASTM D 2270	115	99
Density @ 60°F, lbs./gal.	ASTM D 1298	7.26	7.33
Specific Gravity @ 60/60°F	ASTM D 1298	0.870	0.880
Pour Point, °F(°C)	ASTM D 97	-27(-33)	-5(-21)
Flash Point, COC, °F	ASTM D 92	230	254
TBN	ASTM D 2896	6.2	6.2
Phosphorus, ppm		280	280
Sulfated Ash, %wt.	ASTM D 874	0.50	0.50

**TOTAL Specialties USA, Inc.**

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NATERIA

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This lubricant must be applied as recommended and used for the application for which it was designed. TOTAL Specialties USA, Inc. will have no responsibility for any injury to persons or property resulting from misuse or misapplication of the lubricant. A safety data sheet conforming to the OSHA Hazard Communication Standard 29 CFR Section 1910.1200 can be downloaded at [www.totalspecialties.com](http://www.totalspecialties.com). Copyright 2016 All rights reserved.