

NATERIA CATCO SYN. NA



SAE 40

NATURAL GAS
ENGINE OIL



TOTAL

Synthetic low-ash natural gas engine oils

APPLICATIONS

All types of severe service
and extended drain service

- Lubrication of gas engines used in cogeneration or standard power plants where the manufacturer requires an ash level of 0.4 to 0.5 weight percent.
- Highly recommended for engines working under severe operating conditions such that conventional mineral oils cannot be used.
- Highly recommended for applications requiring very long drain intervals.

ADVANTAGES

Less downtime
Lower maintenance costs
Better plant efficiency

Technical characteristics

- Compared to the low ash mineral based lubricants, **NATERIA CATCO SYNTHETIC NA** allows a very important increase of the drain intervals. Thus it generates a lowering of the cost and less engine stop for maintenance.)
- The use of **NATERIA CATCO SYNTHETIC NA** in real situation decreases dramatically the oil consumption. Consequently there is a very low deposit amount on the heat exchangers tubes. This favors cogeneration installation efficiency.
- Oil consumption reduction and easier starts in cold weather
- Engine thermal efficiency improvements and horsepower improvements in BHP-hr lead to fuel economy improvements.
- Exceptional detergency and dispersancy.
- High chemical stability with excellent resistance to oxidation and nitration.
- Excellent anti-wear, anti-corrosion and anti-foam resistance.

TYPICAL CHARACTERISTICS--NATERIA CATCO SYNTHETIC NA	
SAE grade	40
Specific gravity @ 60/60°F (ASTM D 1298)	0.
Viscosity @ 40°C, cSt (ASTM D 445)	100
Viscosity @ 100°C, cSt (ASTM D 445)	14.6
Viscosity index (ASTM D 2272)	155
Pour point, °F (°C) (ASTM D 97)	-30 (-34)
Flash point °F (°C) (ASTM D 92)	490 (254)
TBN (ASTM D 2896)	5.25
Sulfated ash, wt% (ASTM D 874)	0.49

TOTAL Lubricants USA Southwest

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