

NATERIA P 405



Gas engine oil



NATERIA P 405 is a high performances low ash oil dedicated to spark ignited gas engines working in severe conditions or requiring extended drain intervals.

APPLICATIONS

Spark ignited gas engines

- Lubrication of modern spark ignited engines fed with natural gas, when the manufacturers requires an oil ash content between 0.35 and 0.5 %.
- **NATERIA P 405** is used in conditions requiring high oxidation and nitration resistance of the oil due to either high engine temperature or a relatively small oil sump capacity.

SPECIFICATIONS

Engine manufacturers

- **NATERIA P 405** is approved by WÄRTSILÄ (220 SG Series).
- **NATERIA P 405** is approved by WAUKESHA (APG 220 GL).

ADVANTAGES

Less engine stop Low maintenance costs

- Compared to the traditional lubricants, **NATERIA P 405** allows the extension of oil drain intervals lowering the running cost and the number of engine stops for drain.
- The **NATERIA P 405** performances have been successfully tested in real conditions.

TYPICAL CHARACTERISTICS	METHODES	UNITES	NATERIA P 405
SAE Grade			40
Density at 15 °C	ISO 3676	kg/m ³	886
Kinematic viscosity at 40 °C	ISO 3104	mm ² /s	130,5
Kinematic viscosity at 100 °C	ISO 3104	mm ² /s	14
Viscosity index	ISO 2909		104
Flash point OC	ISO 2592	°C	240
Pour point	ISO 3016	°C	- 23
Sulfated ash	ISO 3987	%	0,43
BN	ASTM D 2896	mgKOH/g	5,5

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités
19-12-2007 (supersedes 16 june 2003)
NATERIA P 405
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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 down loaded from www.quick-fds.com.