

## G-Profi SGE 40 NAB

Gas Engine Oil



Stationary Gas Engines



Low SAPS



Increased oxidation stability



Protection against wear



Synthetic



Long drain capability



High corrosion protection

**G-Profi SGE 40 NAB** stationary gas engine oil is high performance, long life engine oil specially formulated to lubricate natural gas engines and compressors. G-Profi SGE 40 NAB provide exceptional performance in the severe service conditions common in compression, power generation and combined heat and power applications. It's recommended for many turbocharged or naturally aspirated, stoichiometric or lean burn engines that require low ash natural gas engine oil. G-Profi SGE 40 NAB helps provide reduced valve recession and controls wear of piston rings, cylinder liners and bearings for prolonged engine life.

### Applications

- Turbocharged, naturally aspirated, medium to high speed four-cycle stationary gas engines requiring a low ash oil, including Caterpillar, Jenbacher, Wartsila
- Engines fuelled by natural gas, petroleum gas, biogas, landfill gas. When used with landfill or biogases (and other potentially contaminated gases) advice on application should be obtained.
- Lean-burn and stoichiometric four-stroke engines operating under high load, high temperature conditions.

Features	Advantages and Potential Benefits
Very low levels of zinc and phosphorus	Excellent protection of valve train components and reduced levels of combustion chamber ash improve spark plug life
Oxidation and Nitration Resistance	Cleaner engines for longer oil and filter service
Detergent and dispersant system	Control the formation of carbon deposits, lacquer and sludge resulting in cleaner engines, longer oil life and reduced filter costs
Outstanding anti-wear and antiscuff protection	Lower scoring, scuffing and wear of pistons and liners to reduced maintenance costs
Stay-in-grade shear stability	Reduced viscosity breakdown under high temperature operating conditions
Very effective corrosion protection	Neutralizes acids formed from combustion or oil degradation, protects engine components from water, coolant and acidic materials for long engine life

### Meets the requirements:

- |                |             |           |            |
|----------------|-------------|-----------|------------|
| • Caterpillar  | • Guascor   | • MTU     | • Wartsila |
| • Cummins      | • MAN       | • MWM     | • Waukesh  |
| • Dresser-Rand | • Jenbacher | • Niigata |            |

### Typical Characteristics

Properties	Method	G-Profi SGE 40 NAB
SAE Viscosity Grade	SAE J300	40
Kinematic Viscosity, mm <sup>2</sup> /s		
@ 40°C	ASTM D 445	95,4
@ 100°C	ASTM D 445	13,9
Viscosity Index	ASTM D 2270	148
Flash Point (COC), °C	ASTM D 92	238
Pour Point, °C	ASTM D 97	-15
Density @15°C, kg/m <sup>3</sup>	ASTM D 4052	858
Total Base Number, mg KOH/g	ASTM D 2896	6,0
Sulphated Ash, wt%	ASTM D 874	0,5

✓ ISO 9001

✓ ISO 14001

✓ ISO/TS 16949

✓ OHSAS 18001

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## Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.

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