

## G-Profi PSN 40

Gas Engine Oil



Stationary Gas Engines



Low SAPS



Increased oxidation stability



Protection against wear



High quality mineral base oils

**G-Profi PSN 40** is high performance oil engineered for high-speed four-cycle stationary gas engines. Formulated with extra high quality base stocks and advanced low ash additive system it provides exceptional oxidation stability, nitration resistance and thermal stability. Improved detergent and dispersant system controls the formation of deposits and sludge and ensures engine cleanliness and longer oil life. G-Profi PSN 40 suitable for new stationary gas engines designed to meet last emission standards.

### 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 gas or biogas (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 protection	Lower wear of pistons and liners to reduced maintenance costs
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

#### Approvals:

- Caterpillar Energy Solutions TR 0199-99-12105
- Jenbacher TA 1000-1109
- MWM TR 0199-99-02105

#### Meet the requirements:

- API CD
- WartsilaWaukesha

### Typical characteristics

Properties	G-Profi PSN 40	Method
SAE Viscosity Grade	40	SAE J 300
Kinematic Viscosity @ 40°C, mm <sup>2</sup> /s	128,4	ASTM D 445
@ 100°C, mm <sup>2</sup> /s	14,2	ASTM D 445
Viscosity Index	109	ASTM D 2270
Flash Point (COC), °C	278	ASTM D 92
Pour Point, °C	-20	ASTM D 97
Density @ 15°C, kg/m <sup>3</sup>	877	ASTM D 4052
Total Base Number, mg KOH/g	5,4	ASTM D 2896
Sulphated Ash, wt%	0,5	ASTM D 874

✓ 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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