



# G-Profi PSN 40

Prolonged Drain Intervals & Secure Protection

## Product description

G-Profi PSN 40 – is a high quality low ash engine oil for modern stationary gas engines. It is formulated with high viscosity base oils using a special additive package. This product provides advanced performance in terms of: protection against deposits formation, engine wear, scuffing, oil oxidation and nitration.

## Benefits

- **Versatility**

It is suitable for use in engines running on different types of gas (natural gas, petroleum gas and biogas).

- **Detergent and neutralization properties**

Excellent detergent and neutralization properties ensure maximum engine cleanliness and reliable protection against deposits formation throughout the oil charge lifetime. This contributes to extend engine life.

- **Compatibility**

Thanks to the low ash content and the low phosphorus this oil is compatible with the modern catalytic exhaust systems.

- **Oil oxidation and nitration**

The use of base oils with high thermal stability characteristics and high performance additive package prevents the oil oxidation and nitration. This allows oil drain intervals and equipment maintenance periods longer than standard oils.

## Applications

It is recommended for modern stationary gas engines, including those operating into cogeneration plants and including turbocharged gas engines running in severe conditions.

It is suitable for engines fuelled with different types of gas (natural gas, petroleum gas and biogas - when using LFG or some other types of special gases the technical advice is required).

It is compatible with catalytic exhaust systems (prevents catalyst poisoning).

## Specifications and approvals

### G-Profi PSN 40 is approved:

- MWM TR0199-99-2105
- Caterpillar Energy Solutions (MWM) TR0199-99-12105
- Jenbacher 1000-1109
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### G-Profi PSN 40 meets requirements:

- API CD
- Wartsila

## Typical data

### G-Profi PSN 40

Kinematic viscosity:		
• at 40 °C, mm <sup>2</sup> /sec	ASTM D 445	128.8
• at 100 °C, mm <sup>2</sup> /sec	ASTM D 445	14.1
Viscosity index	ASTM D 2270	108
Flash point COC, °C	ASTM D 92	278
Pour point, °C	ASTM D 97	-27
Density at 15 °C kg/m <sup>3</sup>	ASTM D 4052	877
Alkalinity, mg KOH/g	ASTM D 2896	5.4
Sulphated ash content, %	ASTM D 874	0.48

## Health and safety

Subjected to the rules of industrial and personal hygiene, this product is to be used properly in the recommended application areas. Avoid skin contact. When changing the oil, use protective gloves. If there is oil on your skin, wash it immediately with soap and water. More complete information on this subject are included in the Material Safety Data Sheet.

## Environmental protection

Waste oil and remainder of the product are subjected to mandatory collection in sealed containers and are passed to points receiving waste oil. Do not discharge waste oil into drains, soil or water.