G-Profi SGE 40 NAB

Stationary Gas Engines

Low SAPS

Excellent oxidation stability

Protection against wear

Synthetic base oils

Increased service life

High anti-corrosion properties

G-Profi SGE 40 NAB – is a high quality synthetic engine oil engineered for four-stroke stationary gas engines. Formulated with synthetic base oil and low-ash additive package (Low-SAPS technology) for compatibility with emission control systems and effective protection of engines against deposits and wear

Application

- Modern stationary gas engines used in public utilities, cogeneration at industrial sites, gas pumping stations, gas power generation plants, oil and gas fields.
- Engines fuelled by natural and associated gas
- For turbocharged and naturally aspired engines, operating under heavy loads.
- Engines equipped with emission control systems.

Advantages and Potential Benefits

A combination of synthetic base oil with low ash additive package of **G-Profi SGE 40 NAB** oil allows to ensure efficient and trouble-free operation of gas engines under various operating conditions

Features	Advantages and Potential Benefits
Low SAPS technology	Prevention of deposits formation in a combustion chamber and compatibility with exhaust gas aftertreatment systems reduce the cases of unplanned downtimes
Outstanding oxidation and nitration resistance	The potential of oil drain interval extension – lower costs of lubrication
Excellent detergent properties	Cleanliness of valve train components, cylinder-piston group – long and reliable operation of the engine
Effective wear protection	Low wear rate of pistons, piston rings and valves – resource preservation of the engine
High viscosity-temperature properties	Oil film stability over a wide range of operating temperatures – lower possibility of malfunction
Perfect corrosion protection	Preventing the corrosive effects of sulfur-containing gas combustion products on engine parts - reducing repair costs

Typical physic-chemical characteristics

Properties	Value	Method
Kinematic viscosity, mm^2/s: at 40°C at 100°C	 92,3 13,7	 ASTM D 445 ASTM D 445
Viscosity index	151	ASTM D 2270
Flash point in open cup, °C	238	ASTM D 92
Pour point, °C	-19	ASTM D 97
Density at 15 °C, kg/m3	858	ASTM D 4052
Total base number, mg KOH/g	6,3	ASTM D 2896
Sulphated ash, % weight	0,5	ASTM D 874

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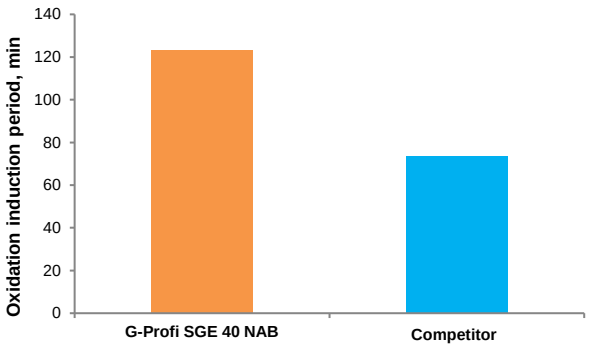
Specifications

- Jenbacher TA 1000-1109
- SAE 40
- MTU
- MWM
- MAN
- Niigata
- Wartsila
- Waukesha
- Caterpillar
- Guascor
- Dresser-Rand

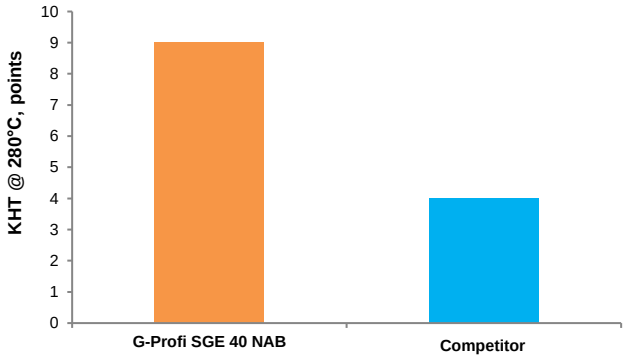
Engine oil **G-Profi SGE 40 NAB** exceeds the requirements of main specifications according to the tests:

Thermal and oxidation stability*



G-Profi SGE 40 NAB has excellent oxidation resistance, maintaining its performance over the whole oil service interval

Deposits build-up control**



G-Profi SGE 40 NAB prevents formation of high-temperature deposits, saving engine parts clean and reducing cases of unplanned downtimes of the equipment

*Test ACEA E5 PDSC (CEC L-85-99); **Тест Komatsu Hot Tube (KHT)

The company's management system is certified in accordance with international standards:

ISO 9001 **ISO 14001** **ISO 45001**

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