

HIGHTEC POWERPLANT SAE 40

High-performance gas engine oil for stationary gas engines, which require a low ash oil.

Description

HIGHTEC POWERPLANT SAE 40 is a high-performance gas engine oil based on oxidative stable base oils with a sulphated ash content of 0.5% for the use in stationary gas engines.

Application

HIGHTEC POWERPLANT SAE 40 was especially developed for use in heavy-duty stationary gas engines, which are operated with natural gas and biogas. Its modern additive system in combination with the high-quality base oils ensures maximum change intervals and reliability, with minimal wear and excellent engine cleanliness, even at very high combustion chamber temperatures.

Approvals

- GE Jenbacher engines type 2 and 3 in fuel class A and B
- GE Jenbacher engines type 4 (Version A and B) and type 6 (up to Version E) in fuel class A and B
- MWM – Natural Gas
- MWM – Biogas

Additionally this product is recommended when the following filling instructions are required

- Caterpillar
- Cummins QSK, QSV
- MAN (all 2-stroke and 4-stroke marine diesel engines)
- MTU
- Perkins Serie 4000
- Waukesha
- Wärtsilä

Benefits

- Extended oil life while retaining strong deposit and wear control.
- New detergent technology
- Optimized anti-oxidant system
- Very low piston deposit & sludge formation
- Developed for natural gas, suitable for biogas
- Optimized performance for latest generation gas engines, both stoichiometric and lean burn.
- Strong performance in CAT and Waukesha engines relative to other oils operating under similar conditions.
- A proven product

Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0,878
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	122,2
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	13,5
Viscosity index	ASTM D-7042	-	106
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	274
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-18
Total base number	DIN 51639-1	mgKOH/g	5.4
Acid number	-	mgKOH/g	0.6
Sulphated ash	ASTM D874	wt-%	0,5
Phosphorus	-	wt-%	0,03

The characteristics shown are typical of current production. This data cannot be constructed as a legally binding warranty or guaranty of certain product properties or of the suitability of the product for a specific application. ROWE products are continually improved. Therefore ROWE reserves the right to change all the technical data in this product information at any time without notice. All sales and deliveries shall be subject to our current General Terms and Conditions of Sale and Terms (www.rowe.com.de).

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