



GENERATOR LONG LIFE GAS 4005

Description

Long-life lubricant oil incorporating latest-generation additives and hydrogenated bases, enabling longer intervals between changes when compared with traditional mineral oils for gas cogeneration. Suitable for modern stationary gas engines fuelled by natural gas and requiring the use of an oil with an ash content no greater than 0.5%. Its balanced formula provides it with a much higher resistance than conventional lubricants to the oxidation and nitration found in these engines, which operate under harsh conditions. In applications that use biogas or other types of gas as fuel, the useful life of the lubricant will depend on the contaminant level of the gas.

Properties

- Considerably prolongs the useful life of the lubricant, extending oil change periods. For some manufacturers it means that the oil in the crankcase does not need to be changed; simply filling up to maintain the oil level retains the lubricant's properties within recommended values.
- Reduces the number of maintenance stoppages, maximising engine utilisation time and minimising operating costs.
- Its bases provide it with excellent resistance to oxidation and nitration.
- Low ash content minimises deposit formation and enables compatibility with the modern exhaust gas after-treatment systems incorporated by manufacturers.
- Excellent detergent/dispersant properties keep the engine clean by controlling deposits, avoiding wear in pistons and sleeves.

Quality levels, approvals and recommendations

- BERGEN engines B35:40, K-G, CR-G*
- CATERPILLAR TR 2105*
- CUMMINS: engines QSK 60*
- INNIO JENBACHER TA 1000-1109 engines 2,3,4,6F&J for gas Class A / CAT*
- MAN ENERGY SOLUTIONS medium-speed engines in gas operation*
- MWM TR 2105*
- MAN 3271-2
- WÄRTSILA: WÄRTSILA
- WAUKESHA

* Formal approval

Technical specifications

	UNIT	METHOD	VALUE
Product Code			RP_5151P
SAE Grade			40
Density at 15 °C	g/cm ³	ASTM D4052	0.875
Viscosity at 40 °C	cSt	ASTM D445	118
Viscosity at 100 °C	cSt	ASTM D445	13.2
Viscosity index	-	ASTM D2270	107
Flash point, open cup	°C	ASTM D92	>225
Pour point	°C	ASTM D5950	-12

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	UNIT	METHOD	VALUE
TBN	mg KOH/g	ASTM D2896	5.0
TAN	mg KOH/g	ASTM D664	1.3
Sulphated ashes	% in weight	ASTM D874	0.5

The above mentioned characteristics are typical values and should not be considered product specifications.