



GENERATOR EXTRA LONG LIFE GAS 4005

Description

Top High Quality state-of-the-art lubricant that is specially designed for stationary gas engines. This product has been developed to attend request of new generation gas engines working with higher pressure and temperature in chamber of combustion, to keep the efficiency and high performance. It is formulated using base oils that are more refined than those conventionally used, together with cutting-edge additives that afford excellent performance in cleanliness engine and deposits reduction. This can avoid valve recession and preignition process in order to protect internal engine components under high load.

Properties

- The product is developed for new generation of stationary gas engines with high Brake Mean Effective Pressure (BMEP) between 22 and 26 bar that use natural gas and require the use of an oil with a maximum sulphated ash content of 0.5%.
- Thanks to the chemical formulation, optimum balance additives and high quality base oils, the product can avoid corrosion, metal wear, ring deposits and also valve recession and preignition phenomena making lubricant degradation slower.
- Extended oil drain intervals even double as other similar lubricant oils in low specific consumption engines. That means less time maintenance operations, cost saving and productivity improvement in industrial plants.
- Low phosphorus additive content suitable for use in engines with catalyst exhaust gas systems. It can be used in stationary gas engines that run on biogas or landfill gas but in this case used oil sampling must be carried out more often.

Quality levels, approvals and recommendations

- BERGEN engines B36:45, B35:40, C26:33, K-G*
- CATERPILLAR TR 2105 (approval in process)
- WÄRTSILÄ (approval in process)
- INNIO JENBACHER TA 1000-1109 engines 2,3,4,6H&K for gas Class A*
- MWM TR 2105 (approval in process)
- WAUKESHA (approval in process)

*Formal approval

Technical specifications

| | UNIT | METHOD | VALUE |
|-----------------------|-------------|------------|----------|
| Product Code | | | RP_5154P |
| SAE Grade | | | 40 |
| Density at 15 °C | g/cm3 | ASTM D4052 | 0.877 |
| Viscosity at 40 °C | cSt | ASTM D445 | 120 |
| Viscosity at 100 °C | cSt | ASTM D445 | 13.8 |
| Viscosity index | - | ASTM D2270 | 107 |
| Flash point, open cup | °C | ASTM D92 | 256 |
| Pour point | °C | ASTM D5950 | -30 |
| TBN | mg KOH/g | ASTM D2896 | 7.5 |
| TAN | mg KOH/g | ASTM D664 | 1.5 |
| Sulphated ashes | % in weight | ASTM D874 | 0.5 |

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