

TITAN GANYMET ULTRA

Premium Performance Engine Oil, zinc-free, for stationary gas engines.

Description

TITAN GANYMET ULTRA is a Premium gas engine oil and combines selected premium base oils with specially optimized zinc-free additives developed by FUCHS. It is applicable for operation with natural gas as well as with aggressive gases (sewage gas, landfill gas, biogases and wood gases). This zinc-free product with medium sulfated ash content is suitable for all types of stationary gas engines.

Application

The zinc-free additive technology offers very high wear and corrosion protection together with a reliable anti-ageing and acid neutralization capacity so that also in operation with the most aggressive gases an outstanding performance and a high degree of resistance against nitration and oxidation (oil ageing and thickening) is maintained. In addition, the formation of sludge, deposits, corrosion and wear are effectively prevented. Constant operation surveillance together with regular oil analyses are recommended in order to achieve maximum oil drain intervals. Manufacturer's specifications have to be obeyed carefully. TITAN GANYMET ULTRA is approved by GE Jenbacher in gas class A for series 2, 3, 4 and 6 (version E). In gas class B the product is approved for series 2 and 3. TITAN GANYMET ULTRA is miscible and compatible with conventional branded gas engine oils. However, mixing with other gas engine oils should be avoided in order to fully utilize the product's benefits. A complete oil change is recommended when converting to TITAN GANYMET ULTRA. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

Advantages/Benefits

- Suitable and approved also for non-aggressive gases like natural gas or cleaned special gases.
- Thanks to the higher and more stable TBN in comparison to zinc-containing formulations with the same sulfated ash content, the oil drain intervals are extended.
- Outstanding performance demonstration in cogeneration units operating with wood gas.
- The reduced ash-content and the specific properties of the zinc-free additive technology results in significantly less ash deposits in the combustion chamber even in operation with aggressive gases.
- Excellent anti-ageing properties through function-specific antioxidants and specially selected premium base oils.
- Protects exhaust gas after-treatment systems, not only because of the used zinc-free additive technology but also due to the low evaporation loss of additive elements like phosphorous.

Approvals

- 2G TA-003 agenerator series 2,3
- AGROGEN
- CAT CG132, CG170, CG260
- CAT / MWM TR 0199-99-02105
- GE JENBACHER TA 1000-1109
 - A, CAT: series 2, 3, 4 (Version B), 6 (Version C, E)
 - B, CAT: series 2, 3
- MAN M 3271-4
- MTU Onsite Energy DK-BS-0001 (E, P, B)
- MTU Onsite Energy DK-BS-0002 (B)
- SEVA TRS-07
- SPANNER RE²
- TEDOM 61-0-0281.1/L, B, S

PI60311e, PMA, 08.02.2016, Page 1

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TYPICAL CHARACTERISTICS

Density at 15 °C	DIN 51757	0.866 g/ml
Flash Point, CoC	DIN ISO 2592	260 °C
Pour Point	DIN ISO 3016	-35 °C
Kinematic Viscosity at 40°C	DIN 51562-1	105,00 mm ² /s
Kinematic Viscosity at 100°C	DIN 51562-1	13.40 mm ² /s
Sulfated ash	DIN EN ISO 6245	0.7 Gew. %
TBN	DIN ISO 3771	8.5 mgKOH/g

PI60311e, PMA, 08.02.2016, Page 2

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