

TECTROL METHAFLEXX HC PREMIUM



Latest-generation special engine oil for stationary gas engines

TECTROL METHAFLEXX HC PREMIUM is a latest-generation engine oil for the lubrication of stationary gas engines based on the Otto principle and diesel principle with pilot injection technology.

Based on its zinc-free additive technology, TECTROL METHAFLEXX HC PREMIUM was developed with a high alkaline reserve and medium sulphate-ash content in particular for operation with special fuels such as bio, sewage and landfill gases. In combination with the specially selected hydrocrack base oils, oil change intervals can be extended. As special gases in particular have individual characteristics, we recommend determining the intervals for oil change based on laboratory tests.

TECTROL METHAFLEXX HC PREMIUM has been proven in use in many engines built by renowned engine manufacturers. Its use in gas engines with non-aggressive gases such as natural gas and LPG is also possible if a sulphate ash content of less than 0.8 weight per cent is permitted.

Advantages:

- hydrocrack base oil
- zinc-free additive package
- high alkaline reserve
- medium sulphate ash content
- stable viscosity-temperature characteristics
- reduction in dangerous deposits
- high thermal stability
- low evaporation loss
- excellent protection against wear
- developed for optimal oil change intervals
- Product Service Package (PSP)

We recommend that you comply with the instructions of the engine manufacturer.

Performance profile

(proven in practice and tested in engines operating according to manufacturer's fluid specifications)

Specifications and recommendations for use*:	
SAE 40	Approvals: AVS BHKW GmbH / AGROGEN (series BGA biogas) CAT CG132/CG170/CG260 Deutz TR 0199-99-01213 (natural gas) SEVA Energie AG / 2G filius series (biogas)/KWK series (biogas) Jenbacher TA 1000-1109 Series 2,3,4 and 6 propellant class A (CAT) Jenbacher TA 1000-1109 Series 2 and 3 propellant class B (CAT) MAN M 3271-4 (special gas) / MWM TR 0199-99-2105 MTU Onsite Energy DK-BS-0001 (BR 400 bio-, sewage-, landfill and propane gas) MTU Onsite Energy DK-BS-0002 (BR 4000 biogas) TEDOM TA 61-0-0281.1 (biogas, landfill gas, sewage gas)

Characteristics (average values)

Characteristic	Testing method	Unit	Typical value	
Kinematic viscosity	DIN 51 562 - 1			
		at 40°C	mm ² /s	107
		at 100°C	mm ² /s	14.4
Viscosity index	DIN ISO 2909		128	
Density at 15°C	DIN 51 757	g/ml	0.867	
Pour point	DIN ISO 3016	°C	-35	
Base number (BN)	DIN ISO 3771	mg KOH/g	8.9	
Sulphate ash content	DIN 51 575	M-%	<0.68	

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The Mineral Oils division of BayWa AG is certified according to
DIN EN ISO 9001: 2000
This certificate guarantees a consistently high standard of quality in the supply chain from manufacturer via retailer to the consumer.

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To the best of our knowledge, all details and information correspond to the current state of knowledge.
 Previous issues are invalid. Subject to change without notice.
 With regard to the handling of the product, please comply with the instructions given in the safety data sheet.