

TECTROL METHAFLEXX ZS PLUS



Latest-generation special engine oil for stationary combined heat and power (CHP) engines

TECTROL METHAFLEXX ZS PLUS 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 and on stationary CHP engines that are powered by vegetable oil as a fuel.

Based on its zinc-free additive technology, TECTROL METHAFLEXX ZS PLUS 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 ZS PLUS has been proven in use in pilot injection engines, vegetable oil engines and gas Otto engines built by renowned manufacturers.

TECTROL METHAFLEXX ZS PLUS can also be used when vegetable oil is used as a fuel in stationary CHP engines. Due to the different characteristics of the various vegetable oils, we recommend that the oil change intervals be defined on the basis of laboratory tests here too.

Advantages:

- hydrocrack base oil
 - zinc-free additive package
 - high alkaline reserve
 - medium sulphate ash content
 - reduction in dangerous deposits
 - high thermal stability
 - low evaporation loss
 - excellent protection against wear
 - designed for vegetable oil as a pilot oil
 - developed for optimal oil change intervals
 - high oxidation stability with CHP engines powered by vegetable oils
 - 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, AGROGEN (Series BGA) Biogas, Schnell Zündstrahlmotoren MAN M 3271-4 (Spezial gas) SEnergie (MWM Brazil / Liebherr), SEVA Energy, 2G
--	---

Characteristics (average values)

Characteristic	Testing method	Unit	Typical value	
Kinematic viscosity	DIN 51 562 - 1	at 40°C	mm ² /s	105
		at 100°C	mm ² /s	13.4
Viscosity index	DIN ISO 2909		125	
Density at 15°C	DIN 51 757	g/ml	0.867	
Base number (BN)	DIN ISO 3771	mg KOH/g	8.2	
Sulphate ash content	DIN 51 575	M-%	<0.7	

(18.03.2013) *

Publishing Office:
BayWa AG, Munich
Mineral Oils
Application Technology, Lubricants
Telephone: +49 89 9222-3266

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.

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.