



TECTROL METHAFLEXX NG PREMIUM

High performance natural gas engine oil of the latest generation with specially selected hydrocrack base oils for stationary gas engines



TECTROL METHAFLEXX NG PREMIUM is especially suitable for natural gas engines. Through the use of selected base oils on hydrocrack base (HC-synthesis) an excellent oxidation resistance is achieved. The high viscosity index guarantees a stable viscosity even at higher operating temperatures.

TECTROL METHAFLEXX NG PREMIUM is a zinc-free high performance oil with modern additiv-technology and suitable for the operation with oxidation catalysts. Through the special formulation dangerous deposits can be reduced and wear on engine components is significantly reduced. The exceptionally good aging and nitration resistance is achieved by a very high acid buffer. This results in an improved economy through fewer oil changes and the related extended drain intervals even under high loads.

TECTROL METHAFLEXX NG PREMIUM reduced due to its very good detergent and dispersing capacity the formation of oil coal and varnish deposits. Through the low evaporation loss the oil consumption is significantly reduced. The low ash content of the oil provides low residue formation in the combustion chamber.

We recommend especially in view of the very high loads in gas engines, to determine the change intervals the basis of laboratory oil analysis.

Benefit	Use
Very good temperature dependence of viscosity	Protects engine components in case of heavy loads
Hydrocrack base oil	Optimised oil life reduces unnecessary expenditure of time
Excellent alkaline reserve	High neutralisation capability provides protection against premature acidification
Low sulphate ash content	Deposits are reduced, motor is cleaner
Less evaporation loss	Operating costs are lowered due to minimized oil consumption
Excellent thermal stability	Aging properties are improved

Product Information

Issuing body;
BayWa AG, München
Energie
Technical Purchasing Lubricants
Telephone: +49 89 288511-766

The energy segment of BayWa AG is certified



All data and information is provided based on our current level of knowledge as of: 24.05.16
 Any previous versions are invalid. Subject to change without notice. For further details and information, please visit www.tectrol.de.



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Performance profile (tried and tested in units with fluid specifications)
Viscosity
SAE 40
Approvals
MAN M 3271-2 (natural gas)
Recommendations for use
Deutz Jenbacher TA 1000-0125 MTU Onside Energy (MDE) MWN TR 0199-99-2105 SEnergie (MWM Brasil/Liebherr)
Instructions for use
We recommend observing the aggregate manufacturer's instructions.

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Specifications (average values)		
Specific value	Typical value	Test method
kinematic viscosity at 40°C	13.9 mm ² /s	DIN 51 562 - 1
kinematic viscosity at 100°C	109 mm ² /s	DIN 51 562 - 1
viscosity index	123	DIN ISO 2909
density at 15°C	0.866 g/ml	DIN 51 757
pourpoint	-35 °C	DIN ISO 3016
flash point	>240 °C	DIN ISO 2592
sulphate ash	0.66 M-%	ASTM D 874
base number (TBN)	8.4 mg KOH/g	DIN ISO 3771

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