



GAS ENGINE OILS

ADDINOL GAS ENGINE OIL MG 40-EXTRA PLUS

PRODUCT DESCRIPTION

ADDINOL Gas Engine Oil MG 40-Extra Plus is a high-performance engine oil developed on the basis of new additive technologies orientated towards the application and its requirements as well as high quality mineral oil raffinates.

The application of special gases leads to severe operating conditions. The chemistry of ADDINOL Gas Engine Oil MG 40-Extra Plus offers an outstanding and complete protection.

APPLICATION

- Excellent suitability for the application in modern turbo-powered gas engines operated with special gas in all performance ranges
- Outstanding applicability for combined heat and power plants operated with landfill gas, sewage gas or mine gas

DELIVERY

Delivery preferable in drums.

CHARACTERISTICS

- Excellent ageing stability
- Outstanding wear protection
- Thermal stability
- Highest engine cleanliness
- Good neutralisation ability

SPECIFICATIONS / APPROVALS

Approved for the operation with special gases by:

- INNIO Jenbacher - TA 1000-1109 series 2 and 3, fuel class B and C
- MWM (Deutz Power Systems) TR 0199-99-2105: SuA 0.6-1.0 wt%
- MAN M 3271-4 special gas
- 2G Energy – patruus series - operations with bio gas
- Rolls-Royce Solutions (MTU OE) - Series 400 - special gas (MDE type 28xx and 30xx)
- Rolls-Royce Solutions (MTU OE) - Series 4000 (L 62 FB) - special gas
- Tedom 61-0-0281.1 (L, B, S)
- Caterpillar CG 132, CG 170, CG 260 TR 0199-99-12105/11: SuA 0.6-1.0 wt%
- Perkins series 4000 „sour gases“
- R Schmitt Enertec RE-800-001-160202
- Mamotec TR 20-03: SuA 0.5-1.0 wt%

Meets the technical requirements acc. to:

- Liebherr
- Waukesha
- Other gas engine manufacturers
- Manufacturers of pilot injection gas engines

ADVANTAGES AND BENEFITS

- Reliable lubrication under all operating conditions
- Long lifetime of the engine
- Stable oil film, also at higher temperatures
- Maximum engine performance
- Good protection against corrosive wear



Effective oil operating times for every combined heat and power plant operator by the help of ADDINOL matrix



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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		MG 40-Extra Plus	Method acc. to
Appearance			clear, without contaminations	visual
SAE grade	J 300		40	ASTM
Density	at 15 °C	kg/m ³	875	DIN 51757
Viscosity	at 40 °C	mm ² /s	125	ASTM D 7042
	at 100 °C	mm ² /s	14.4	
Viscosity index			115	DIN ISO 2909
Flash point	COC	°C	270	DIN EN ISO 2592
Pour point		°C	-33	ASTM D 7346
TBN		mg KOH / g	10	DIN ISO 3771
Sulphated ash		wt%	0.9	DIN 51575

ADDINOL - The Experts for High-Performance Lubricants

We at ADDINOL develop and produce more than 600 high-performance lubricants of the new generation. Among these are automotive lubricants for highest demands and pioneering developments for industrial applications. Our customers all over the world benefit from the high and stable quality of our ADDINOL high-performance lubricants, our know-how and the individual customer advisory service of our competent experts. Our company has worldwide activities. ADDINOL high-performance lubricants are distributed by more than 120 international partners.

The data given in this product sheet represent our current level of knowledge and experience. Due to the various specific application they do, however, not discharge the user from his own examination. The information provided herein may not be used to derive a legally binding warranty of specific properties or the suitability for a certain purpose of application. Detailed security-concerning and toxicological data as well as security instructions for each product can be taken from the corresponding Material Safety Data Sheets (MSDS). High-performance lubricants from ADDINOL are under continuous development. Therefore, ADDINOL Lube Oil GmbH keeps the right to change technical data in this product data sheet without notification. In case of doubt, please do not hesitate to contact our customers' advisory service.