



## GAS ENGINE OILS

# ADDINOL GAS ENGINE OIL NG 40

### PRODUCT DESCRIPTION

ADDINOL Gas Engine Oil NG 40 is a high-performance gas engine oil developed on the basis of the latest additive technology combined with selected high-quality mineral oil raffinates.

### APPLICATION

- In particular for the application in modern turbo-powered gas engines operated with natural gas in all performance ranges
- Outstanding applicable for the application with cleaned gases combined with catalysts

### DELIVERY

Delivery preferable in drums.

### SPECIFICATIONS / APPROVALS

Approved for the operation with natural gas and biogas according to:

- MWM TR 0199-99-2105: SuA up to 0.6 wt.%
- Caterpillar CG 132, CG 170, CG 260  
TR 0199-99-12105: SuA up to 0.6 wt.%
- INNIO Jenbacher – TA 1000-1109 incl. Cat Series 2 & 3: fuel class A  
Series 4 (version A, B & D): fuel class A  
Series 6 (version C & E): fuel class A
- Wärtsilä (natural gas): 175SG, 220SG, 25SG, 28SG, 31SG, 34SG, 50SG, 20DF, 31DF, 32DF, 34DF, 46DF, 50DF

Complies with the requirements of:

- Deutz AG (TR0199-99-01213)

Tested and recommended for:

- Caterpillar 3500 series

### CHARACTERISTICS

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

### ADVANTAGES AND BENEFITS

- Reliable lubrication under all operating conditions
- Maximum protection and long lifetime of the engine
- Stable oil film, also at higher temperatures
- Maximum engine performance and long lifetime of all components to be lubricated
- 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		Gas Engine Oil NG 40	Method acc. to
Appearance			clear, without contaminations	visual
SAE grade	J 300		40	ASTM
Density	at 15 °C	kg/m <sup>3</sup>	873	DIN 51757
Viscosity	at 40 °C	mm <sup>2</sup> /s	123	ASTM D 7042
	at 100 °C	mm <sup>2</sup> /s	13.8	
Viscosity index			109	DIN ISO 2909
Flash point	COC	°C	275	DIN EN ISO 2592
Pour point		°C	-30	ASTM D 7346
TBN		mg KOH / g	5.6	DIN ISO 3771
Sulphated ash		wt-%	0.50	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.