





ADDINOL GAS ENGINE OIL MG 40 PowerSynth

PRODUCT DESCRIPTION

ADDINOL Gas engine oil MG 40 PowerSynth is a high-performance gas engine oil for microBHKWs (cogeneration units) based on new additive technologies and high quality, synthetic base oils carefully selected for their particular characteristics.

The application of compact and powerful microBHKWs operated with natural gas means a special challenge for the used gas engine oil due to frequent stop-and-go operation as well as with high thermal loads. With regard to the small oil volumes and the special operating conditions ADDINOL Gas engine oil MG 40 PowerSynth assure an exceptionally high protection for microBHKWs.

APPLICATION

- Developed for the application in compact microBHKW operated with natural gas for single- and multi-family houses
- Outstanding suitability for the application of heat controlled devices with stop-and-go operation
- Very good applicability for ensuring of maintenance intervals also at small oil volumes

SPECIFICATIONS

Meets the technical requirements in operation with natural gas, if low ash gas engine oil is required:

 Gas engines manufacturers of compact microBHKW

DELIVERY

Delivery preferable indrums and 20 L cans.

CHARACTERISTICS

- Excellent ageing stability
- Outstanding wear protection
- · Very good thermal-oxidative stability
- Highest engine cleanliness
- · Good neutralisation ability

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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| Feature | Test condition / unit | | MG 40 PowerSynth | Method acc. to |
|-----------------|-----------------------|------------|-------------------------------|-----------------|
| Appearance | | | clear, without contaminations | visual |
| SAE grade | J 300 | | 40 | ASTM |
| Density | at 15°C | kg/m³ | 870 | DIN 51757 |
| Viscosity | at 100°C | mm²/s | 14.8 | ASTM D 7042 |
| Viscosity index | | | 136 | DIN ISO 2909 |
| Flash point | COC | °C | min. 250 | DIN EN ISO 2592 |
| Pour point | | °C | max35 | ASTM D7346 |
| TBN | | mg KOH / g | 7.26 | DIN ISO 3771 |
| Sulphated ash | | Ma-% | 0.50 | DIN 51575 |

SPECIFICATIONS AND TYPICAL PARAMETERS

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 world wide activities. ADDINOL high-performance lubricants are distributed by more than 90 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.

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