

# MWM Premium **GMO 440** Because quality matters.

Professional lubricant management is vital for a long useful life of a gas engine. The principle is: The higher the output and efficiency of an engine, the more important the selection of suitable engine oil. Our MWM Premium GMO 440 is the perfect choice for all applications.

Compared to conventional mineral oils, the benefits of MWM Premium GMO 440 are especially evident at high oil temperatures and a small specific oil volume (l/kWh). The advantage for you: In combination with the MWM oil analysis, your oil change intervals will be much longer, enabling you to optimize your plant management.

## Properties and Benefits

- Very low sulfated ash content (0.49 wt.-%)
- Synthetic oil for maximum change intervals
- SAE 40
- Reliable wear protection
- Low deposits on components carrying exhaust gas, such as exhaust heat exchangers
- Very high piston cleanliness
- Reduced oil consumption

## Tested and Approved

MWM Premium GMO 440 engine oil has been tested extensively and approved for all MWM engines. Our tests are based on lubricant analysis and the inspection and review of disassembled components.

GMO 440 can reduce oil operating costs both with natural gas and with biogas applications (€/MWh). Your local MWM Service contact would be pleased to calculate your individual cost savings.

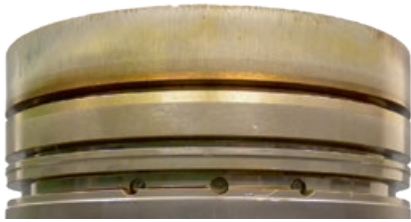
**Save costs with  
MWM Premium GMO 440:**  
Please feel free to request  
a calculation of your savings.

Typical material characteristics	Premium GMO 440
SAE	40
Sulfated ash content	0.49 wt.-%
TBN	6.0 mgKOH/g
Kin. viscosity at 40 °C	127 mm <sup>2</sup> /s
Kin. viscosity at 100 °C	13.5 mm <sup>2</sup> /s
Viscosity index	100
Density	950 kg/m <sup>3</sup>
Pour point	-25 °C
Flash point	245 °C

## MWM Premium GMO 440: Best Choice for All Gas Grades

Apart from ensuring maximum wear protection for the engine and extending oil drain intervals, MWM GMO Premium 440 has demonstrated excellent capabilities in reducing deposits in the first piston ring groove. This directly translates into substantial cost savings due to oil consumption and greater engine stability.

Our premium engine oil MWM Premium GMO 440 boasts an outstanding piston cleanliness. Its use increases the availability and profitability of your plant by reducing oil consumption and liner wear.



Natural gas application with > 10,000 operating hours with GMO 440



**Get your  
analysis now!**

## Oil Analysis and Assessment at Attractive Conditions.

### MWM oil management: Make use of our long-standing expertise.

In addition to the lubricant analysis, we offer you a detailed assessment by our engine experts. With our concluding recommendation, you can make full use of your oil's useful life and save costs.

### Maximum availability and efficiency. Certainly.

We monitor the oil parameters throughout your plant's lifecycle and compare them with previous values. In this way, we can identify trends at an early stage and are able to intervene speedily whenever necessary.



Any questions concerning lubricants?  
Please feel free to approach your MWM Service Center.  
Call us at **+49 621 384-0** or write an  
e-mail to [oilmanagement@mwmenergy.com](mailto:oilmanagement@mwmenergy.com).

