



## Jenbacher N Oil 40

Mobil Industrial , Canada

High Performance Gas Engine Oil

# JENBACHER

### Product Description

Jenbacher N Oil 40 is a high performance gas engine oil formulated for current & next generation of Jenbacher natural gas engines. It has been designed as a major component of the engine, in close cooperation between INNIO Jenbacher(1) and ExxonMobil(1) engineers.

With more than a hundred thousand hours of accumulated field data from long term monitoring in more than 100 units, the formulation of Jenbacher N Oil 40 engine oil has been confirmed to provide 2 times(2) extended oil and filter life and reduced life cycle costs (LCC) of up to 30% compared to other typical approved gas engine oils(3). Specifically developed and carefully validated new used oil limits have been released by INNIO Jenbacher for this product to provide extended and reliable oil drain intervals. Jenbacher N Oil 40 can help users keep their Jenbacher engines running longer and cleaner(2) with improved reliability, excellent alkalinity reserve and retention, resulting in increased productivity versus other typical approved gas engine oils. (new paragraph) Approvals: Jenbacher N Oil 40 is approved for the whole range of Jenbacher natural gas engines – Type 2, Type 3, Type 4, Type 6 and Type 9. (new paragraph) For latest approvals, refer to INNIO Jenbacher's technical instructions TA 1000-1109 & TA 1000-1108 which can also be found at <http://innio.com/engineoil> (internet) or <https://customer.innio.com/en/> (intranet for signed-in users only).

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(2) Actual benefits can vary depending upon the type of equipment used and its maintenance, operating conditions and environment, and any prior lubricant used. Extended used oil and filter life is based on normal use of the product, as described in the technical instructions from INNIO Jenbacher.

(3) See Jenbacher N Oil 40 performance profile on [www.JenbacherNOil40.com](http://www.JenbacherNOil40.com)

### Features and Benefits

Jenbacher N Oil 40 can help(2) reduce maintenance expenses through:

Features	Advantages and Potential Benefits
Long oil life through: - Outstanding oxidation stability - Enhanced dispersion properties and soot handling	Provides extended oil and filter life up to 2 times longer than standard intervals, helping reduce customer maintenance expenses
Excellent valve protection through improved dry lubrication properties	Reduce Life Cycle Costs (LCC) by up to 30%

### Applications

All Jenbacher natural gas engines – Type 2, Type 3, Type 4, Type 6 and Type 9.

## Specifications and Approvals

<b>This product has the following approvals:</b>
INNIO Jenbacher TI 1000-1109 (CAT (catalyst) approved)
INNIO Jenbacher TI 1000-1109 (Class A fuel gas, Type 2 & 3, extended drain)
INNIO Jenbacher TI 1000-1109 (Class A fuel gas, Type 6 all versions, extended drain)

## Properties and Specifications

Property	
Grade	SAE 40
Pour Point, °C, ASTM D97	-18
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	13.2
Viscosity Index, ASTM D2270	111
Ash, Sulfated, mass%, ASTM D874	0.6
Total Base Number, mgKOH/g, ASTM D2896	7.4
Flash Point, Cleveland Open Cup, °C, ASTM D92	269
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	114
Density @ 15.6 C, g/cm <sup>3</sup> , ASTM D4052	0.88

## Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit [www.exxonmobil.com](http://www.exxonmobil.com)

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