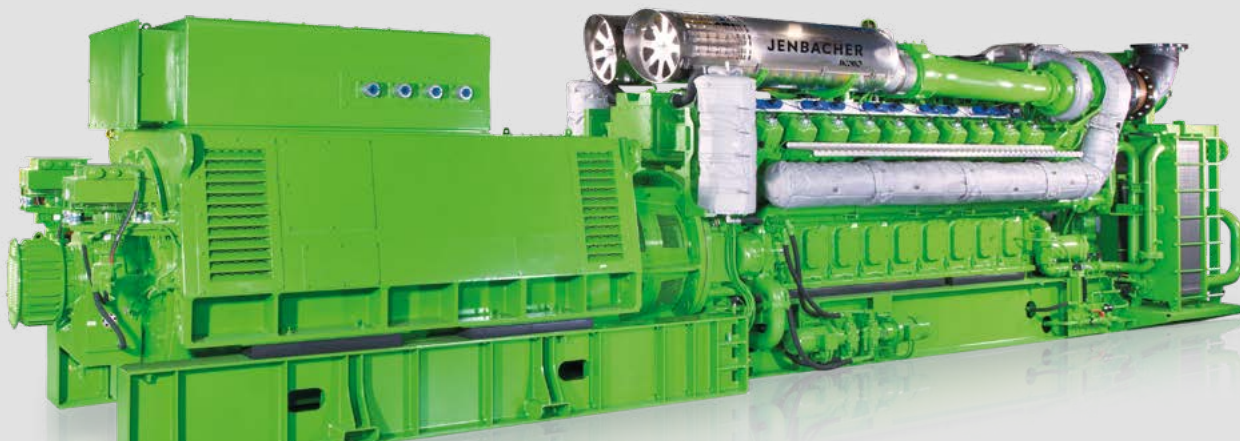


Jenbacher NX Oil 40

Advanced Gas Engine Oil for Next-Generation Jenbacher Natural Gas Engines



High-performance, long-life and hydrogen-ready, Jenbacher NX Oil 40 oil is engineered to support the performance of Jenbacher natural gas engines in challenging environments via:

- **Extended oil drain intervals can support lower lubricant consumption**
- **Advanced keep-clean performance**
- **Reduced formation of fine particles**



Key benefits



Excellent cold-start capability.



Improved dispersancy under heavy loading, maintaining visibly cleaner oil and prolonging oil life and performance.



Robust deposit control, coupled with advanced protection for engine valves.



Reduced formation of fine particles, extending oil filter life.



Reduced viscosity variance across wide temperature range supporting readiness for fast start applications.



Compatible with up to 60% hydrogen content for a cleaner, more sustainable energy solution.

Jenbacher NX Oil 40 is an innovative product in gas engine lubrication from INNIO Group and ExxonMobil.

Precision-engineered for the Jenbacher engine platforms, it meets the requirements of next-generation Jenbacher Type 2, 3, 4, and 6 engines operating on 100% natural gas or mixtures with up to 60% hydrogen content.

By integrating ExxonMobil's proprietary technology with a high-viscosity index base oil, Jenbacher NX Oil 40 delivers a significant performance enhancement compared to standard gas engine oils, helping operators improve uptime to generate more reliable and efficient power.

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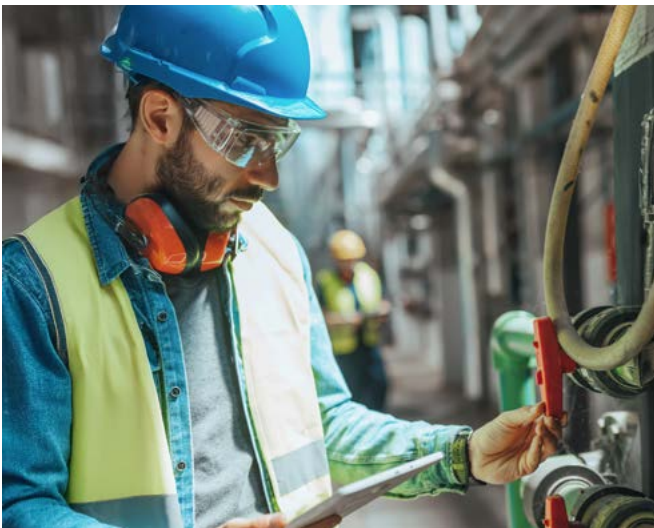
Jenbacher NX Oil 40 was developed for use in fuel class A and can be substituted for all existing approved lubricating oils for natural gas engines as specified in technical instructions TA 1000-1109.

In addition to all base load engines and versions, it is the recommended product for data center, peaking, fast-start, and cold-start applications, and it is the only tested product for J701, J702, J711, J712, J715, J781, J782, and J783 versions.

Formulated with Mobil Pegasus™ gas engine oil technology

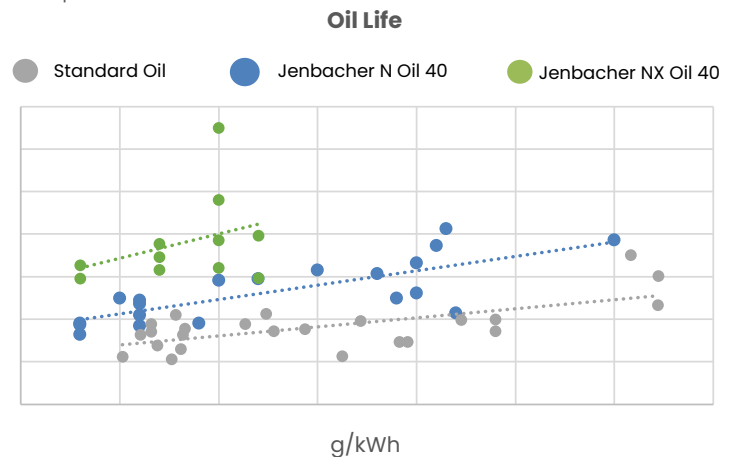
Rigorous testing

At the time of launch, the product has accumulated over 150,000 monitored engine operating hours¹ in rigorous testing to help ensure reliability under challenging conditions.



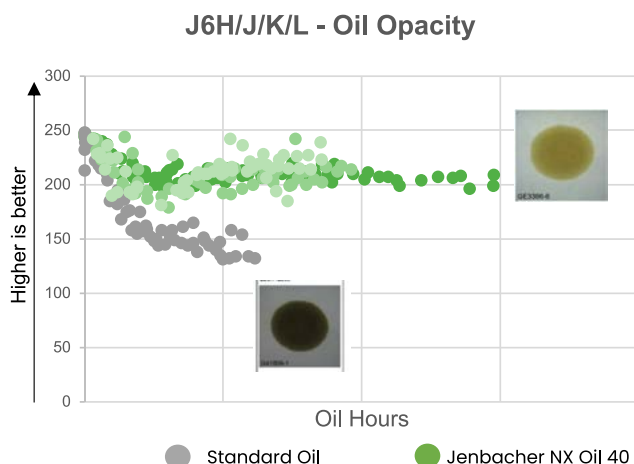
Long oil life with lower lubricant consumption

Jenbacher NX Oil 40 delivers long oil drain intervals with lower oil consumption. This means less frequent oil top-ups with proven reliable operation that extends to support lower TBN levels. This excellent performance can help operators achieve their sustainability goals while enjoying excellent engine protection.



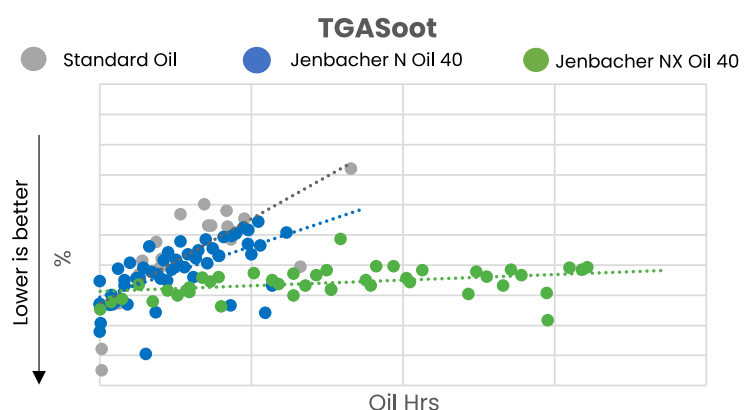
Improved dispersancy

The enhanced base oil and additive technology helps keep the oil cleaner for longer², with new test methods quantifying the improvement as demonstrated with longer oil drain intervals.



Excellent cleanliness

Jenbacher NX Oil 40's stable formulation enables longer oil life while maintaining up to 50% lower soot formation when compared to other lubricants approved in TA 1000-1109.

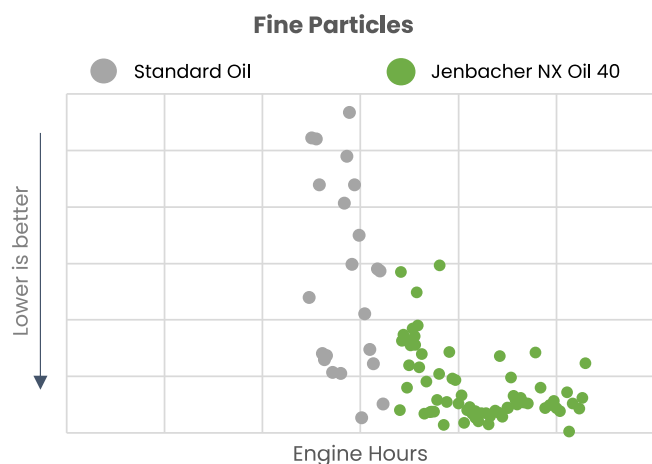


¹Status as of December 2024

²Compared to standard baseline lubricants in Group II that have been approved for Jenbacher Type 6 engines, including the J624 engine version.

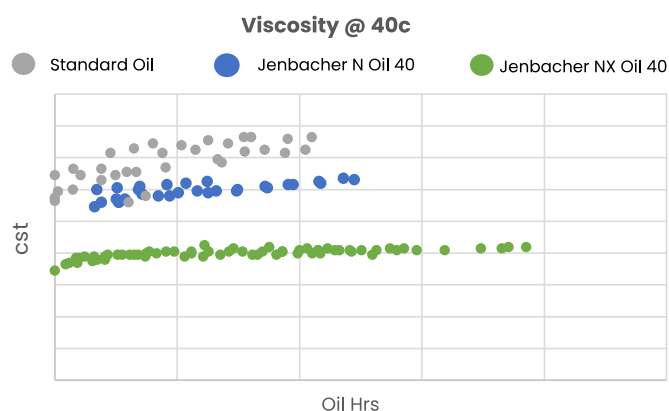
Low particle count

The product's improved keep-clean performance is also proven by the lower particle counts found in used oil analysis.



Stable viscosity

The new oil supports a lower viscosity increase over its extended lifespan, in both high and low temperature conditions. This is particularly beneficial in fast-start applications. The below diagram illustrates that, in lower temperature conditions, the product is thinner, more pumpable and resistant to aging than other baseline products.



Extended condemning limits

Jenbacher NX Oil 40 is proven to deliver long oil drain intervals and extended oil condemning limits without compromising on the protection of critical engine parts.

High levels of protection

Jenbacher NX Oil 40 is designed to deliver excellent cleanliness, reducing deposit formation in ring grooves. This supports cleaner rings and lowers the probability of sticking, enhancing engine reliability and performance.

Typical properties ³	Jenbacher NX Oil 40
Sulphated ash, mass%	0.6
Density, g/cm ³	0.84
Flash point, °C	267
Kinematic viscosity, @ 100°, cSt	13.1
Kinematic viscosity, @ 40°, cSt	84
Pour point, °C	-35
Total base number, mgKOH/g	7.4
Viscosity index	148

Industrial Lubricants



**Advancing
Productivity™**

Safety

Reduced maintenance and long service intervals can help mitigate potential employee risk via direct contact with equipment.

Environmental Care⁴

Jenbacher NX Oil 40 can help to reduce oil consumption and waste via extended oil drain intervals and improved keep-clean features.

Productivity

With extended condemning limits, Jenbacher NX Oil 40 can help extend uptime, improve reliability and efficiency.

³The above properties are typical of those obtained with normal production tolerance and do not constitute a specification.

⁴Visit global.mobil.com to learn how certain Mobil-branded lubricants may provide benefits to help reduce environmental impact. Actual benefits will depend upon product selected, operating conditions and applications.

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