Mobil SHC™
Performance by ExxonMobil

Mobil SHC™ Gear Series

Synthetic industrial gear oils

Energy lives here™

Key benefits

Long drain intervals help minimize downtime

Exceptional protection, even in extreme conditions, helps limit maintenance

Significant reduction in energy consumption in many gear drives

Your productivity depends on reliable equipment. That's why we formulated Mobil SHC™ Gear Series oils to help deliver:

- **Excellent water-handling properties, which can help improve filter life**
- **Outstanding seal compatibility to minimize leakage and oil consumption**
- **Resistance to viscosity loss, which may enhance lubricant life**
- **Protection against conventional wear modes**

Reduced energy consumption up to 3.6% versus conventional oils in statistically validated field and laboratory tests.†

Typical properties*

Mobil SHC Gear Series	150	220	320	460	680	1000
Viscosity, ASTM D 445						
cSt @ 40°C	150	220	320	460	680	1000
cSt @ 100°C	22.2	30.4	40.6	54.1	75.5	99.4
Viscosity Index, ASTM D 2270	176	180	181	184	192	192
Pour Point, °C, ASTM D 97	-54	-45	-48	-48	-42	-33
Flash Point, °C, ASTM D 92	233	233	233	234	234	234

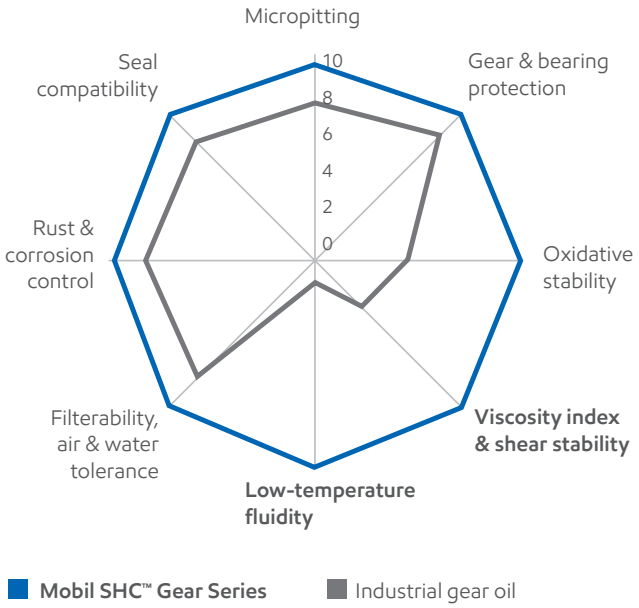
*Typical properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit exxonmobil.com. ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

†Energy efficiency relates solely to the fluid performance when compared with conventional reference oils of the same viscosity grade in gear applications. The technology used allows up to 3.6 percent efficiency compared with the reference when tested in circulating and gear applications under controlled conditions. Efficiency improvements will vary based on operating conditions and applications.

Mobil SHC™ Gear Series

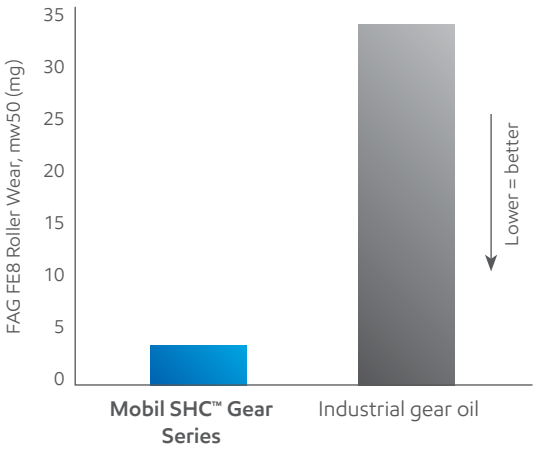
Balanced formulation for better performance

A technical survey of conventional industrial gear oils shows that Mobil SHC™ Gear Series lubricants deliver significantly better performance in nearly every dimension.



Improved bearing wear lubrication and protection

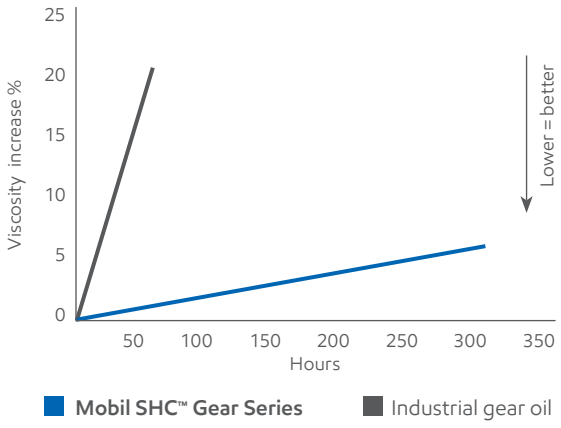
In a standard FAG FE8 Stage 1 bearing test, Mobil SHC Gear Series lubricants protected bearings significantly better than conventional industrial gear oil.



Up to 6x longer oil life

(versus standard mineral oil)

In an ASTM D 5704 mod., L-60-1 test, the viscosity of Mobil SHC Gear Series oils rose only 6 percent during an extended-length, 300-hour test. In the same test conducted at the standard 50-hour length, the viscosity of conventional gear oil rose 21 percent.



Industrial Lubricants

Advancing Productivity™

Safety

By providing long drain intervals and exceptional equipment protection, Mobil SHC™ Gear Series oils can help reduce maintenance and its associated safety risks due to employee-equipment interaction.

Environmental Care*

Through long product life, which helps reduce the need for used oil disposal, and outstanding seal compatibility, which helps reduce oil leaks and consumption, Mobil SHC Gear Series lubricants can help limit environmental impact.

Productivity

With long drain intervals and optimized equipment life and reliability, Mobil SHC Gear Series oils can help operations minimize downtime to achieve optimum productivity.

*Visit mobilindustrial.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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