

Mobil SHC™ Rarus Series

Air compressor oils



Energy lives here™

Key benefits



Up to 24,000 hours of lubricant life



Outstanding protection, even under extreme service conditions



Reduces costs and delays of air compressor maintenance



Long equipment life due to wear, rust and corrosion protection

Demonstrated capability to last up to

24,000

hours in a compressor field trial.**

Summary

Your air compressors are working under more extreme temperatures and at higher output rates. That's why we formulated the Mobil SHC™ Rarus Series of synthetic lubricants to deliver:

- Long-lasting performance — so you can help reduce maintenance
- Exceptional oxidative and thermal stability — which combats sludge, varnish and deposit formation
- Especially well-suited for rotary screw compressors, the Mobil SHC Rarus Series includes three viscosity grades (ISO 32, 46 and 68)

Meet your systems' demands — while reducing maintenance costs — when you choose Mobil SHC Rarus Series oils.

Typical properties†

Mobil SHC Rarus Series	32	46	68
ISO Viscosity Grade	32	46	68
Viscosity, ASTM D 445			
cSt @ 40°C	30.6	44.1	65.3
cSt @ 100°C	5.6	7.1	9.7
Viscosity Index, ASTM D 2270, min.	123	122	129
Copper Strip Corrosion, ASTM D130, 24 h @ 100°C	1B	1B	1B
Rust Characteristics Proc B, ASTM D 665	Pass	Pass	Pass
Pour Point, ASTM D 97, °C, max -33	-42	-45	-39
Flash Point, °C, ASTM D 92	210 (min.)	210 (min.)	210 (min.)
Flash Point, °C, ASTM D 93	204	197	192
Specific Gravity 15°C/15°C, ASTM D 1298	0.8779	0.8676	0.8650

*Contact your local ExxonMobil representative or distributor for more information.

**Result relates solely to fluid performance in one rotary screw compressor. Performance will vary based on operating conditions and application.

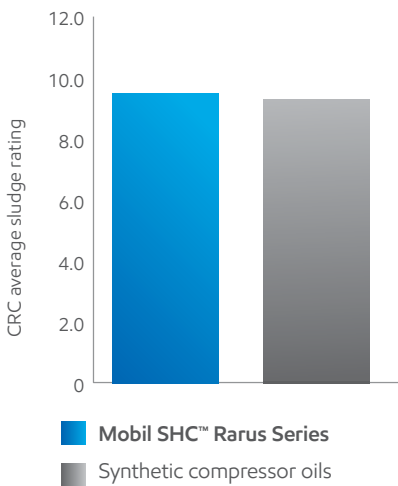
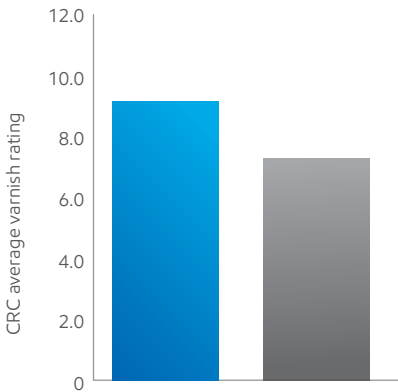
†Typical properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to 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.

Mobil SHC™ Rarus Series

Varnish and sludge control

In proprietary compressor rig testing, Mobil SHC™ Rarus Series oils demonstrate outstanding varnish and sludge control, which can help to provide cleanliness and enhanced compressor oil life.

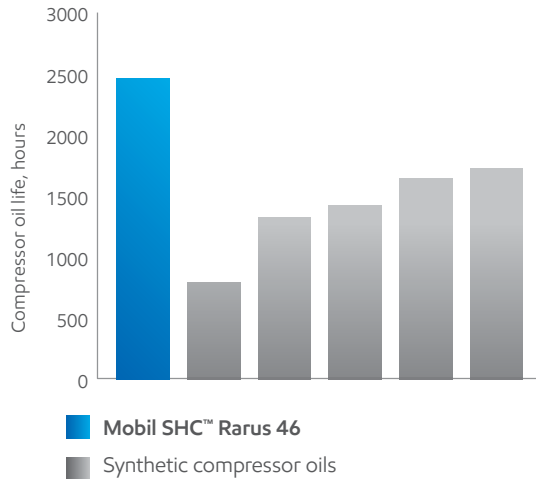
Mobil SHC™ Rarus after being run twice as long as synthetic compressor oils



- Repeatability of compressor oil life is $\pm 15\%$
- Step-out compressor oil life and varnish ratings when compared to competitor

Competitive assessment

In a proprietary test using a compressor at 130°C, we compared performance of Mobil SHC™ Rarus Series oils to that of five synthetic compressor oils. Mobil SHC Rarus Series oils demonstrated double and even triple the oil life of the other oils tested.



Synthetic compressor oils after 1,325 hours of testing



Mobil SHC™ Rarus after 2,640 hours of testing

Industrial Lubricants



Advancing Productivity™

Safety

The long drain intervals offered by Mobil SHC™ Rarus Series air compressor oils help limit potentially hazardous interaction between employees and equipment, which can enhance worker safety.

Environmental Care*

Long lubricant life helps reduce the need for disposing of used oil, which can help limit the environmental impact of your operation.

Productivity

Reduced drain intervals can help extend equipment uptime and hours of operation, which can help you enhance production.

*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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