



Mobil SHC™ Rarus Series Synthetic air compressor oils for severe service conditions

You have high expectations when it comes to service life of your vane and rotary screw compressors. That's why you need Mobil SHC™ Rarus Series synthetic air compressor oils. Where other synthetic oils fall short of service life expectations, Mobil SHC Rarus Series is formulated to deliver up to three times longer oil drain intervals^A.

Did you know?

Mobil SHC™ Rarus Series lasts up to

24,000 hours*

Mobil SHC Rarus Series

Features



Outstanding varnish and sludge control



Exceptional resistance to rust, corrosion and oxidation



Excellent water demulsibility

Benefits



Up to three times extended oil life^A



Effective lubrication at high temperatures



Minimized maintenance costs and downtime for long equipment life

Mobil SHC Rarus	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 D2270	123	122	129
Rust Characteristics Proc B, ASTM D 665	Pass	Pass	Pass

^AIn a proprietary test using a compressor at 130°C, ExxonMobil compared performance of Mobil SHC Rarus Series oils with that of five leading compressor oils. Mobil SHC Rarus demonstrated up to triple the oil life of the other oils tested.

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



Peak performance. Peak results.

Mobil SHC™ Rarus 46 has Yuhan-Kimberly Paper Manufacturing covered with US\$11,000 savings

Situation

Korea's leading paper manufacturing company, Yuhan-Kimberly is known for producing the highest quality roll paper and tissue paper. They operate many 100HP oil injection screw compressors, lubricated with a competitor's mineral oil. As the screw compressors were running non-stop, Yuhan-Kimberly was concerned about it wearing out, leading to high maintenance costs.

Result

After switching to Mobil SHC™ Rarus 46, along with Mobil Serv Lubricant Analysis, the company observed that the used oil viscosity and TAN level became more stable. Oil drain interval was also extended by 1.5 times, from 6,000 to over 9,000 hours without air/oil separator and oil filter change.

Key highlights

- 1.5X increase in oil drain interval
- Extended equipment parts change interval

Annual saving of
US\$11,000