

Mobil Rarus SHC™ 1024 synthetic compressor oil helps autoparts maker improve rotary screw air compressor performance and save more than US \$66,000 per year\*



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## Rotary screw air compressor | HANDS Corporation | Incheon, South Korea

### Situation

HANDS Corporation manufactures automotive wheels and operates 57 air compressor units at its facility in Incheon, South Korea. Lubricated with a conventional mineral oil, the company wanted to improve compressor operations while maintaining rigorous production schedules. In an effort to improve equipment reliability, the company approached ExxonMobil to identify an alternative lubricant solution capable of extending drain intervals, reducing operating costs and preventing unscheduled downtime.

### Recommendation

ExxonMobil engineers recommended HANDS Corporation begin using **Mobil Rarus SHC™ 1024** synthetic compressor lubricant in its air compressor units. Formulated with wax-free synthetic hydrocarbon fluids and a proprietary additive system, **Mobil Rarus SHC 1024** provides exceptional equipment protection and reliability in extreme service applications. In addition, ExxonMobil engineers recommended the company implement routine **Mobil Serv<sup>SM</sup> Lubricant Analysis** to monitor equipment and oil condition.

### Impact

After transitioning to **Mobil Rarus SHC 1024** synthetic compressor lubricant, HANDS Corporation was able to double oil drain intervals from six months to one year and reduce operating temperatures from 86°C (187°F) to 82°C (180°F).

### Benefit

The company reports that **Mobil Rarus SHC 1024** has helped extend oil drain intervals by 100% and reduce operating temperatures by 4°C. This conversion has brought company estimated annual savings of US \$66,000.

Extended oil drain intervals by

100%

Industrial  
Lubricants



Advancing  
Productivity™

### Advancing productivity

Helping you reach your Safety, Environmental Care\*\* and Productivity goals through our innovative lubricants and services is our highest priority. That's Advancing Productivity. And that's how we help you achieve your broader vision of success.

\*This Proof of Performance is based on the experience of a single customer. Actual results can vary depending upon the type of equipment used and its maintenance, operating conditions and environment, and any prior lubricant used.

\*\*Visit [mobil.com/industrial](http://mobil.com/industrial) 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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