



Mobil Rarus SHC™ 1024 and Mobil Engineering Services Help HANDS Corporation Save US\$ 67,000 Annually

Rotary Screw Air Compressor

HANDS Corporation

Incheon, Korea

Situation

HANDS Corporation produces automotive wheels and operates 57 units of air compressors at their Incheon plant. These air compressors were lubricated with a mineral oil and were utilized 24/7 throughout the year. The objectives of the plant were to increase the reliability of the compressors, extend the oil drain interval and improve energy efficiency.

Recommendation

After evaluating the situation, the ExxonMobil Lube Engineer recommended **Mobil Rarus SHC™ 1024** air compressor lubricant and the implementation of **SignumSM Oil Analysis** program.

Result

With the deployment of **Mobil Rarus SHC 1024**, significant savings have been achieved. In addition, the application expertise provided by Mobil Engineering Services has improved the productivity of the plant. The benefits resulted from:

- Extension of oil drain interval from six to 12 months, leading to annual savings of US\$ 9,000
- Reduction of energy consumption by about 3%, leading to annual savings of about US\$ 57,000
- Reduction of operating temperature of the compressors from an average of 86°C to 82°C



Checking electric consumption of air compressor.

For more information on Mobil SHC™ and other Mobil™ Branded Industrial Lubricants and services, call your local company representative or visit mobilindustrial.com

mobilindustrial.com

©2013 Exxon Mobil Corporation
Mobil, Mobil SHC and the Pegasus design are registered trademarks of Exxon Mobil Corporation or one of its subsidiaries.
HIPOP 2012-316

The data and other contents of this Proof of Performance are 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.