

Mobil SHC 824 Improves Reliability and Performance of MHI High Speed Centrifugal Compressors

MHI 3 Stage Centrifugal Compressor
Singapore Oxygen Air Liquide Pte. Ltd. (SOXAL)
Singapore
Mobil customer since 1990

Objective

To improve the equipment performance and extend time-between-overhaul.

Customer experienced high Cu wear on bushings and scoring on the bearings of the compressor. This resulted in higher oil operating temperatures which led to varnish deposits on shaft. The unscheduled downtime affected productivity and delivery of products to Soxal's customers.

Solution

Mobil Technical Team proposed Mobil SHC 824 synthetic oil which has endorsement from the Equipment Builder.

Result

Mobil SHC 824 solved the wear and deposit problems. The operating temperature was reduced by 3°C.

Benefits

Mobil SHC 824 improved the equipment uptime and extend the oil drain interval. The significant improvement in equipment uptime reaped savings of SGD\$ 4,568 annually.



MHI 3-stage Centrifugal Compressor

