

PROOF OF PERFORMANCE



Mobil SHC

Linear robots. Change of grease type Mobilux EP 004 - Mobilith SHC 007.

Machinery / Equipment Linear robot linear guides, shafts, racks and pinions
Austria

Situation

Lubrication of linear guides, vertical shafts, racks and pinions with Vogel-SKF central lubricating system – grease Mobilux EP 004, operating speed 5 m/sec, position tolerances 0.05 mm.
Wear on rack and pinion, system and component contamination by grease being thrown out and by dripping.

Recommendation

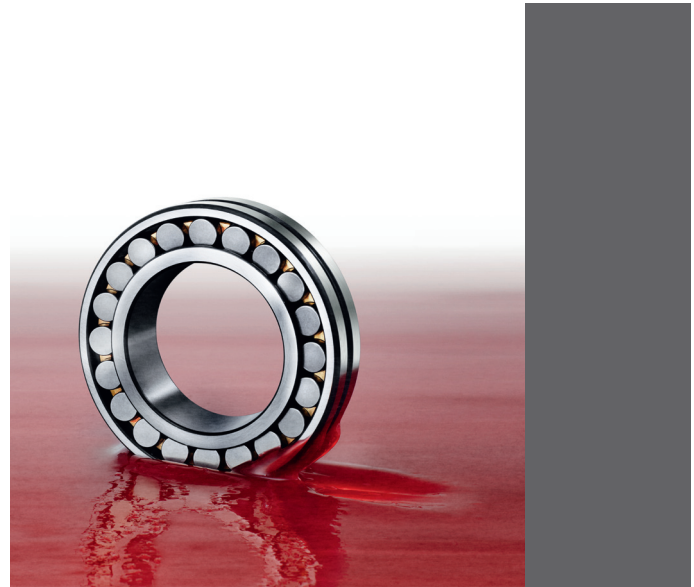
Use of Mobilith SHC 007 in the central lubricating system – adjustment of lubrication intervals – lubrication quantity per linear guide cycle 0.03 cm³, rack 0.06 cm³.

Impact

No wear observed on rack and pinion, lubricating interval extended, reduction in grease use, no contamination of the machine and components.
Change all linear robot series to Mobilith SHC 007, as well as OEM filling in production and lubrication recommendations for operators.

Benefit

Grease consumption reduced by 80%, lower maintenance costs, no wear observed, higher machine availability, no system and component contamination caused by grease.



For more information on Mobil Industrial Lubricants and services, call your local company representative or the ExxonMobil technical help line at +420 221 456 426. Also contact us by e-mail through TechDeskEurope@exxonmobil.com or visit www.mobilindustrial.com

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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.

