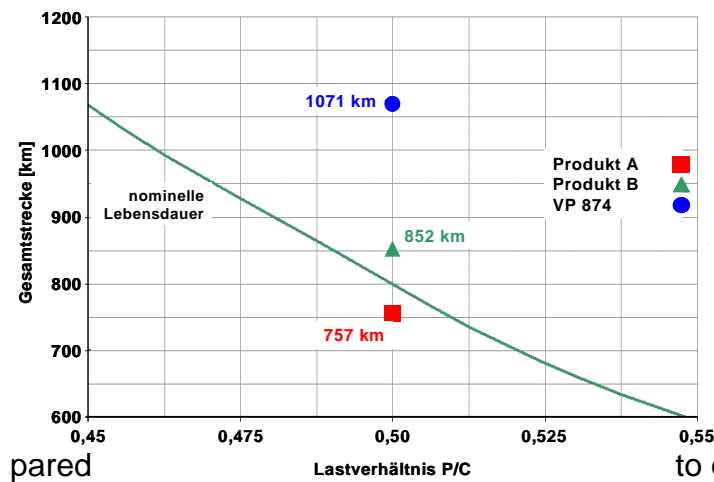


High-performance grease for the lubrication of linear guides in the food sector

Lubricants for the food sector have particular requirements regarding their composition. Thus, only certain approved raw materials must be used, but the overall performance should be comparable to an industrial lubricant.

ELKALUB VP 874 made by Chemie-Technik GmbH is a new grease particularly developed for the lubrication of linear guides in the food sector. Through the combination of selected oils, the use of a synthetic thickening agent and a special additivation a grease was developed that obtained H1-certification by NSF. Tests in linear guides of Bosch Rexroth showed that ELKALUB VP 874 outperformed other food-grade lubricants.



The tests performed at Bosch Rexroth were performed with the high load P/C-ratio of 0.5. In a short stroke test after 10 million double strokes with only 1 mm distance, ELKALUB VP 874 showed a low loss of test force and a low wear depth. A test with longer sliding distance resulted in a higher over-all distance compared to other food-grade lubricants.

Based on these results, Bosch Rexroth recommends ELKALUB VP 874 for use in linear guides in the food sector.

For further information on this product, as well as on other H1-lubricants made by Chemie-Technik GmbH, please contact:

Chemie-Technik GmbH
Robert-Bosch-Str. 19
72189 Vöhringen
+49(0)7454-9652-0
www.elkalub.com
info@elkalub.com