



New calcium sulphonate complex grease for demanding operating conditions in food processing technology

Waterproof high-pressure grease ensures operationally reliable lubrication of plant components

Maisach, 11.03.2014 – The new OKS 480 is a fully synthetic bearing grease for application in the entire food processing technology. The NSF-H1-registered lubricating grease is suitable in particular for use under critical operating conditions – under high water influence, contact with cleaners and disinfectants, high pressures, high loads and high temperatures. In comparison to conventional lubricating greases for food processing technology OKS 480 provides excellent wear protection, disposes of clearly improved high-pressure properties and can be used across a wide range of temperatures from -30 to +160 degrees Celsius.

"OKS 480 owes its excellent resistance to pressure and water and its highly effective corrosion protection to a special calcium-sulphonate complex thickener", says Carolin Neuner, Product Manager at OKS Spezialschmierstoffe GmbH. "Thanks to its excellent resistance to water and media for example against watery-alkaline and acidic disinfectants and cleaning agents OKS 480 ensures high operational reliability also in wet areas. This is an aspect that is not to be underestimated in the food processing industry in which very high hygienic standards apply."

The fully synthetic base oil of OKS 480 forms the basis for the wide range of temperatures and the high oxidation stability of the new universal grease. The high shear stability prevents thinning out of the grease under extreme mechanical loads such as during vibrations.

OKS 480 is ideally suitable for rolling and friction bearing lubrication as well as the lubrication of mechanical parts such as

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levers, joints and hinges. OKS 480 is used in food processing plants, filling, packaging and production machines of the food processing and beverage industry, pharmaceutical industry, livestock as well as packaging industry. Thanks to its manifold range of uses the number of different lubricants can be minimised, thus reducing the cost-intensive storage and the danger of confusion.

About OKS

OKS Spezialschmierstoffe GmbH is a specialist in lubricants operating worldwide for 35 years. Through the trade branches for technical goods and mineral oils OKS reaches both the commercial users and the industrial customers. The training and instruction of our trade partners ensures excellent consulting services and competence in solving problems locally. Longevity and cost efficiency of the used lubricants are ensured thanks to a modern product spectrum and the constant expansion of our range of products.

OKS produces and sells about 150 standardised high-performance products for reducing friction, wear and corrosion. The main field of use of the OKS speciality lubricants and chemotechnical products is industrial maintenance, servicing and production.

The products developed by OKS engineers and technicians are produced under strict environmental and quality requirements at the company headquarters. In order to expand the production and development capacities these were relocated from Munich to Maisach in the middle of 2011. From here just-in-time dispatch of the OKS products is also carried out worldwide.

OKS Spezialschmierstoffe GmbH has been a member of the Freudenberg Chemical Specialities SE & Co. KG, a company of the Freudenberg Group since 2003.

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Further information on OKS and OKS products is available under www.oks-germany.com