

Lubrication of moving parts and bearings under influence of water

Marine Grease



Advantages and benefits

- Completely waterproof
- Excellent corrosion protection
- Good wear protection
- Extremely adhesive
- Highly economical due to combined protective effect
- Highly suitable for sea water use

In the agricultural sector large plants are commonly used to clean crops – for example to clean the sugar beet in the sugar industry. The mechanical components of these plant bearings come into contact with large amounts of water during the cleaning process. It is therefore important to use a very heavy duty grease in these plants that is particularly water-resistant and which remains as long as possible at the lubricating points. This allows the operating times between the maintenance intervals to be extended and breakdowns to be avoided.

Lubrication of bearings of washing drums
The considerable influence of the water used to clean crops in washing drums can result in disturbances in operation due to bearing breakdowns.

The use of OKS 403 with its extreme water-resistance not only extends the re-lubrication intervals markedly, but also ensures the operational reliability of such plants – an important aspect for the seasonal campaign.

Product description

OKS 403 is based on a mineral oil with calcium thickener. The result is an extremely water-resistant product. Additional EP additives ensure trouble-free operation even under high vibrations and heavy impacts. OKS 403 can be used in a temperature range of -25°C to 80°C .

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Example of use: Lubrication of the friction bearings of dosing gates

At a sugar producer dosing gates are used to regulate feeding of sugar beet from the stockpile for further processing in the production process. The friction bearings are lubricated with OKS 403 through a central lubricating system.



Further OKS products for the agricultural processing industry

OKS 240	Anti-seize paste (copper paste) for screw threaded connections
OKS 451	Chain and adhesive lubricant for pull and transport chains
OKS 476	Multipurpose grease for the food processing industry when contact of the lubricant with the crop cannot be excluded
OKS 601	Multi oil for lubricating sticky connections
OKS 1110	Multi-silicone grease for sealing against water (compatible with plastics)
OKS 2611	For cleaning the lubrication points before use of the lubricants
OKS 2650	BIologic universal cleaner, water-based
OKS 2901	Belt tuning spray for pulling belts used to drive conveyor belts
OKS 8470	BIologic high-performance grease, when biodegradability is required for loss lubrication or leaks