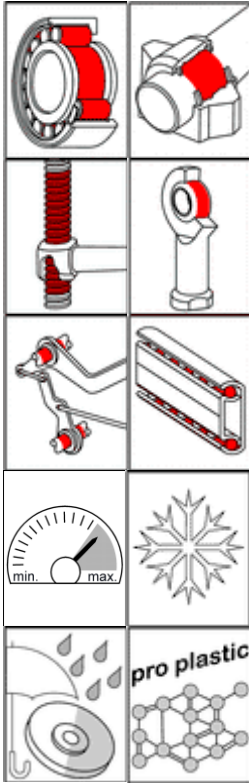




OKS 472 - Product Information

OKS 472 Low-Temperature Grease for the Food Industry



Nonfood Compounds
Program Listed
H1 Reg. No. 135749

Fields of Application:

Grease lubrication of plain and roller bearings with close tolerances and high speed for machines in the food industry, at low temperatures and at bearings with low phase out torque.

Advantages and Benefits:

Long-term lubricating grease for bearings at low temperatures or high speeds which might have incidental contact with food. Operativeness of the lubricating film down to -70°C. Best use in central lubrication systems. All ingredients are approved for the use in the food industry acc. to FDA regulations 21 CFR 178.3570. Registered by the NSF in the category H1 under the number 135749 for the use in food industry if an incidental contact is technically inevitable.

Application:

For best results clean the lubrication point with OKS 2610/ OKS 2611 Universal Cleaner. Remove the corrosion protection media before initial filling. Fill the bearings in a way that all the functional surfaces are lubricated sufficiently. Slow moving bearings (DN-value < 50.000) should be filled completely. Fast running bearings (DN-value >400.000) should be filled to 1/4, normal moving bearings to 1/3 of the free inner housing space. Observe the instructions of the bearing or machine manufacturer. Relubrication with a grease gun on to the grease nipples or with an automatic lubrication system. Relubrication intervals and amount to be defined acc. to the service conditions. If the removal of the old grease is not possible the amount of grease has to be limited to avoid excess lubrication of the bearing. For longer relubrication intervals, a complete exchange of the old grease is recommended. Mix with appropriate lubricants only. For additional questions please contact our Technical Department.

Additional Information:

- Packaging (Articlen number):
- 400 ml Cartridge (00472019)
 - 1 kg Tin (00472034)
 - 5 kg Hobbock (00472050)
 - 25 kg Hobbock (00472062)

Version
E-04.1/13

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OKS 472

Low-Temperature Grease for the Food Industry

Technical Data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51 825		KHC1K-40
Base Oil				
Type				Polyalphaolefine, Ester
Viscosity	DIN 51 562-1 DIN 51 562-1	40°C 100°C	mm ² /s mm ² /s	30 6
Pourpoint	DIN ISO 3016	3°C step	°C	< -70
Flashpoint	DIN ISO 2592	> 79	°C	> 200
Thickener				
Type				Aluminium-complex soap
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	1
Worked penetration	DIN ISO 2137	60 double strokes	0,1 mm	310 - 340
Drop point	DIN ISO 2176		°C	> 220
Application Data				
Density	DIN EN ISO 3838	+20°C	g/cm ³	0,9
Colour				
Service Temperatures				
Minimum service temperature	DIN 51 805	< 1.400 hPa lowest	°C	-45 -70
Maximum service temperature	DIN 51 821-2	F ₅₀ (A/1500/6000), 100h	°C	120
DN- value			mm min	800.000
Water resistance	DIN 51 807-1	3h/90°C	Grade 1-3	1
Corrosion Protection Tests				
Corrosion on copper	DIN 51 811	24h/100°C	Corr.-grade 0-5	1
Releases / Specifications				
Food industry				NSF H1 Reg.-no. 135749

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