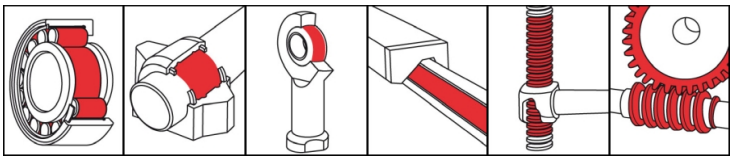


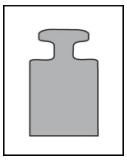
PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

OKS 4100

MoS_2 Extreme Pressure Grease





Description

OKS 4100 is a extreme pressure grease with MoS_2 for slow-running rolling and friction bearings at very high.

Applications

- Grease lubrication of rolling and plain bearings subject to very heavy loading
- Protection of bearings against harmful impurities
- Protection against corrosion, maintenance of lubricating effect, even when exposed to large quantities of water

Branches

- Paper and packaging industry
- Rail vehicle technology
- Logistics
- Iron and steel industry
- Municipal services
- Shipbuilding and marine technology
- Plant and machine (tool) engineering
- Chemical industry
- Rubber and plastic processing
- Glass and foundry industry

Advantages and benefits

- Excellently suited as a high-performance lubricating grease due to special EP properties and solid lubricants
- The high base oil viscosity, with a stable soap basis even when exposed to water, results in a particular suitability for heavily loaded, slow-running bearings even with impact loading
- Good emergency running properties due to solid lubricants

Application tips

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, normal moving bearings should be filled 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.

Packaging

- 400 ml Cartridge
- 5 kg Hobbock
- 25 kg Hobbock

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Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				mineral oil
thickener				lithium-calcium soap
solid lubricants				graphite
solid lubricants				MoS_2
Application related technical data				
marking	DIN 51 502	DIN 51 825		KPF2K-20
Viscosity base oil	DIN 51 562-1	at 40°C	mm^2/s	1,020
Viscosity base oil	DIN 51 562-1	at 100°C	mm^2/s	58
drop point	IP 396		°C	> 180
consistency	DIN 51 818	DIN ISO 2137	NLGI grade	2
worked penetration	DIN ISO 2137	60DH	0.1 mm	265-295
lower operating temperature	DIN 51 805	< 1,400 hPa	°C	-20
upper operating temperature	DIN 51 821-2	F50 (A/1500/600), 100h	°C	120
colour				black
density	DIN EN ISO 3838	at 20°C	g/cm^3	0.94
water resistance	DIN 51 807-1		Degree	1-90
DN value (dm x n)			mm/min	100,000
four-ball test rig welding load	DIN 51 350-4		N	> 4,000
SKF-EMCOR	DIN 51 802		corr. degree	0-0

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