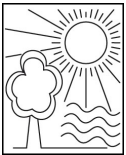
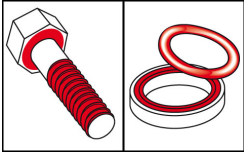


OKS 1765

Sliding Film for thread-forming Screws, water-based concentrate



Description

OKS 1765 is a sliding film for thread-forming screws.

Applications

- Coating of threads of aluminum alloys, high-alloyed, galvanized and austenitic steels to reach controlled friction values during assembly and facilitate thread forming
- Prevents cold-fretting

Branches

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

Application tips

For best results clean the surface, first mechanically and then with OKS 2610/ OKS 2611 Universal Cleaner. The surfaces to be coated have to be metallic blank and dry. The dilution with water up to 1:5 depends on the desired friction value. Stir well before use. The best application can be reached through dipping or spraying, sometimes through brushing an evenly thin film on the prepared surface. Observe the drying times according to the following technical data. Protect the containers from frost.

Packaging

- 5 l Canister
- 25 l Canister

Advantages and benefits

- Economical through low consumption (can be diluted with tap water)
- The coating can be checked easily through a fluorescent ingredient
- Tools and containers can be cleaned with water
- Does not contain any toxic components and is therefore sanitary harmless
- The water-soluble ingredients are biodegradable, the water-insoluble ingredients are ecologically neutral
- Forms a colourless, adhesive and tackfree sliding film after drying
- Includes an inhibitor, which prevents corrosion during the drying



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Technical Data

	Standard	Conditions	Unit	Value
Main components				
solvent				isopropanol
solvent				water
solid lubricants				synthetic wax
additives				corrosion protection
Application related technical data				
flashing point	DIN EN 22 719		°C	42
melting temperature of the waxes			°C	125
upper operating temperature			°C	70
processing temperature			°C	20-25
drying time		20°C	min	30
curing temperature			°C	max. 60
colour				milky-white
density (at 20°C)	DIN EN ISO 3838		g/cm ³	1
thread friction coefficient (μ total)	DIN EN ISO 16 047	screw ISO 4017 M10x55-8.8 black-oxide, nut ISO 4032 M10-10 black-oxide		0.06-0.15
Product specific technical data				
dilution				with water, up to 1:5
pH value				approx. 8.5 (concentrate)
thread tapping torque	EN ISO 7085	screw M10	Nm	< 20

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