



OKS 1765 - Product Information

Fields of Application:

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

OKS 1765

Sliding Film for thread-forming Screws, water based concentrate



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 therefore is sanitary harmless. The water-soluble ingredients are biodegradable, the water-insoluble ingredients are ecologically neutral. Forms a colorless, adhesive and tack-free sliding film after drying. Includes an inhibitor, which prevents corrosion during the drying.

Application:

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. For additional questions please contact our Technical Department.

Additional Information:

Packaging:

- 5 l canister
- 25 l canister
- 200 l drum

Version:

E-05.1/17

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Technical Data

	Norm	Conditions	Measurment	Value
Solid lubricants				
Type				Synthetic wax
Solvent				
Type				Water, Isopropanol
Flash point	EN 22 719		°C	42
Additives				
Type				Corrosion protection inhibitor
Film layer				
Application Temperature			°C	Room temperature
Drying time		+20°C	min	30
Hardening Time			°C	max. 60
Diluent				Water
Dilution		with water		up to 1 : 5
Application Data				
Density	DIN EN ISO 3838	+20°C	g/ml	1.0
Colour				milky-white
pH- Value		Concentrate		approx. 8.5
Operation temperatures				
Upper Service Temperature			°C	70
Melting Temperature of the Wax			°C	125
Friction Values				
Thread Friction Values	DIN EN ISO 16047	Screw ISO 4017, M10-8.8, black Nut ISO 4032 9 M10-10, black		0,06 - 0,15 depending on the dilution and the surface
Thread forming moment	EN ISO 7085	Screw M 10	Nm	< 20
Specification/Releases				
Minium shelf life	original closed container	cool, dry storage	Month	6

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