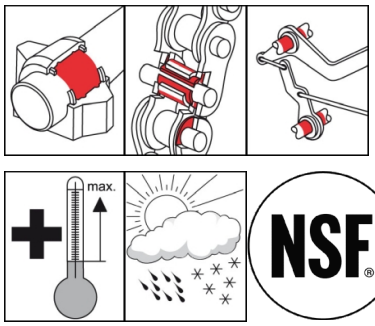
PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

OKS 536

High-Temperature Dry Lubricant for Chains, Graphite-based concentrate



Description

OKS 536 is a graphite bonded coating.

Applications

- Dry lubrication for applications where pastes or powders have been used up until now
- Chain lubrication of heavily loaded chains in temperature ranges in which oil or grease lubrication is not possible
- For example, in annealing, stoving and baking ovens for aluminium tube manufacturing, in painting systems or in baking lines

Branches

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

Advantages and benefits

- Hygienically harmless as defined in German LFGB
- Approved by Nuremberg LGA for use in food processing technology
- NSF H2 registered
- Economical due to low consumption
- Optimum wear protection at high pressures and extreme temperatures
- Can be mixed with water in ratio of up to 1:5

Application tips

For optimum adhesion clean surfaces, first mechanically and then with OKS 2610/OKS 2611 Universal Cleaner. The surfaces must be metallic bright and dry. Chemical or mechanical preparation of the surfaces might considerably improve the service life of the bonded coating. Stir well before use. The application preferably is effected by spraying or dipping, in single cases also by brushing a uniform thin film on to the prepared surfaces. Local excess should be avoided. Drying and curing conditions acc. to the following technical data. When used for chain lubrication, assess the lubrication frequency and quantity on basis of service conditions. Subsequent lubrication by automatic lubrication system or with brush, oiler etc.. The machine- or chain manufacturer´s instructions should be observed.

Packaging

- 5 kg Canister
- 25 kg Canister

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Technical data

	Standard	Conditions	Unit	Value
Main components				
binder				organic binder
solvent				water
solid lubricants				graphite
Application related technical data				
lower operating temperature			°C	-35
upper operating temperature			°C	600
drying time		20°C	min	30
colour				black
density	DIN EN ISO 3838	at 20°C	g/cm³	1.1
press-fit test (µ)	draft DIN 51 833			0,12, no chatter
Product specific technical data				
dilution				with water, up to 1:5
Properties and approvals				
UFI				WEXJ-M019-W005-5FAN
approval for food processing technology				NSF H2, Reg.-Nr. 130416

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