

S.K.D. 2000 / 3000

Synthetic adhesive chain lubricants

The benefits at a glance

- Heavy-duty lubricant film
- Very wide operative temperature range
- Low evaporation loss at high temperatures
- Excellent adhesive strength at very high chain and rope speeds
- Very high water resistance
- Very good corrosion inhibiting effect
- Minimal friction and wear
- Very ageing and oxidation resistant
- Suitable for O- and X-ring chains



Properties

Rivolta S.K.D. 2000 and **S.K.D. 3000** are high performance adhesive lubricants. They are fully synthetic and have excellent adhesive properties. They are provided with additives against wear, ageing and corrosion. They reduce the consumption of energy, raise the operational safety and extend the life-time of machines and facilities.

Fields of application

- **Chain lubrication:** as system lubricant for the outside lubrication of lifting and conveyor chains, for chains heavily loaded by strong influences of weather / water, e.g. chains at sluices
- **Timing, driving and conveyor chains:** in production, filling, packaging, storage, no throw off at fast running chains (motorcycle)
- **Ropes:** as system lubricant (outside lubrication) for ropes
- **Levers, joints, guides:** at high temperature loaded or high pressure loaded components
- **Spindles:** lubricant at tool spindles
- **Rollers:** rollers at rope and chain drives, shopping trolleys, hospital beds, ball bearings in circular conveyors

Form	semifluid
Colour	rufous, transparent
Odour	faint

Material compatibility

Rivolta S.K.D. 2000 and **Rivolta S.K.D. 3000** do not attack common metals, lacquers resistant to solvents as well as sealing materials resistant to mineral oil. The products are miscible and compatible with mineral oil.

Preparation of the lubricating point

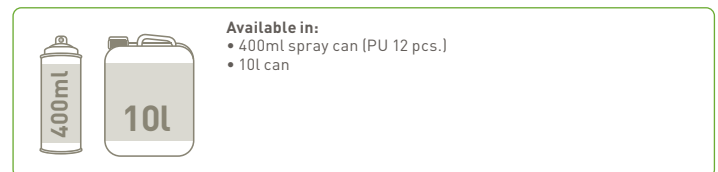
Please remove contaminations and residues as far as possible, if necessary pretreat with **Rivolta S.K.D. 16 N** several times and release residues.

Subsequently lubricate with **Rivolta S.K.D. 2000** and **S.K.D. 3000**. The friction points should be dry to achieve the full adhesive strength of the product.

Instructions for use

- **Spray can:** please aim the spray can directly to the friction point so that the lubricant can penetrate easily
- **Bulk product:**
 - Brush:** brush the heated product (min. +50°C) thinly and evenly on the friction points
 - Plunging:** items shall be dipped in heated oil baths and subsequently be dropped off

Suitable application devices and accessories in our [accessories brochure](#).



	Value		Norm
	S.K.D. 2000	S.K.D. 3000	
Density at +15 °C	0,94 g/cm ³		DIN 51757
Viscosity index	> 180	> 240	DIN ISO 2909
Kine. Viscosity at +20 °C	18.000 mm ² /s	160.000 mm ² /s	DIN 51562-1
Kine. Viscosity at +40 °C	4.000 mm ² /s	30.000 mm ² /s	DIN 51562-1
Kine. Viscosity at +100 °C	225 mm ² /s	1.350 mm ² /s	DIN 51562-1
Flash point	> +210 °C	> +220 °C	DIN EN ISO 2592
Pourpoint	-26 °C	-18 °C	DIN ISO 3016
Temperature range	-25 °C up to +250 °C*	-15 °C up to +250 °C*	-
Evaporation loss 1 h / +250 °C	7,5 by weight %	10,5 by weight %	DIN 51581

* short peak temperature



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