

S.K.D. 55 / 170

Synthetic adhesive chain lubricants



The benefits at a glance

- Safe, good-carrying lubricating film also in the interior of chains / ropes
- Fully synthetic, no resinification and gumming
- Good adhesive strength at higher chain and rope speeds
- Good water resistance
- Excellent corrosion inhibiting effect
- Very wide operative temperature range
- Good temperature resistance
- Reduction of friction, wear and energy consumption
- Long service life of the lubricant



Properties

Rivolta S.K.D. 55 and **Rivolta S.K.D. 170** are high performance adhesive lubricants. They are based on fully synthetic, biodegradable base oils 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:** lift and transport chains, fork-lift trucks, chains at machine tools, production plants and filling machines
- **Guides, slideways:** at machine tools, punching tools, injection moulding machines, production, transport and filling plants
- **Levers, joints, bolts:** in dusty environment, at high temperatures at machines, production plants, vehicles
- **Spindles, return pulleys:** at machine plants and conveying units
- **Rope lubrication:** all ropes in the indoor and hall area
- **Escalators**
- **Railway vehicles** (only **Rivolta S.K.D. 55**): bend/switch lubrication

Form	liquid
Colour	amber, transparent
Odour	schwach

Material compatibility

Rivolta S.K.D. 55 and **Rivolta S.K.D. 170** do not attack metals, lacquers as well as sealing materials resistant to mineral oil. The products are miscible and compatible with mineral oil.

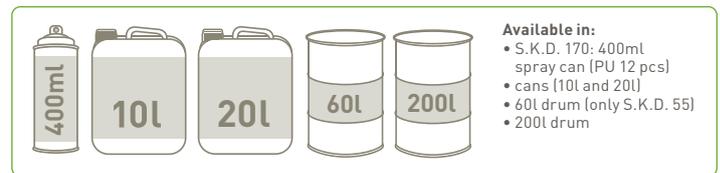
Preparation of the lubricating point

Please remove contaminations and residues, if necessary pretreat with **Rivolta S.K.D. 16 N** several times at short intervals and release residues. Then lubricate with **Rivolta S.K.D. 55** or **Rivolta S.K.D. 170**. The friction points should be dry if possible to achieve the full adhesive strength of the product.

Instructions for use

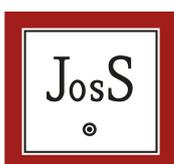
- **Spraying / pouring:** please aim the spray can or oil can that way that the lubricant can easily penetrate between the friction partners
- **Brush:** lubricate the friction surfaces thinly with a clean brush, please take care that no soil will be dragged in
- **Dipping:** items shall be dipped in oil baths and then be dropped off
- **Central lubrication:** drip feed lubricators, oil spray or oil mist systems

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



	Value		Norm
	S.K.D. 55	S.K.D. 170	
Density at +15 °C	0,94 g/cm ³		DIN 51757
Viscosity index	> 120	> 140	DIN ISO 2909
Kine. Viscosity at +20 °C	605 mm ² /s	1500 mm ² /s	DIN 51562-1
Kine. Viscosity at +40 °C	175 mm ² /s	430 mm ² /s	DIN 51562-1
Kine. Viscosity at +100 °C	22 mm ² /s	46 mm ² /s	DIN 51562-1
Flash point	> +210 °C		DIN EN ISO 2592
Pourpoint	-43 °C	-36 °C	DIN ISO 3016
Temperature range	-40 °C up to +160 °C*	-35 °C up to +160 °C*	-
Evaporation loss 1 h / +250 °C	8,5 by weight %		DIN 51581

* in short term peaks up to +250 °C resistant



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