

S.K.D. 240

Synthetic high-temperature
chain oil



The benefits at a glance

- ✓ Good penetrating ability into the inside of chains / ropes
- ✓ Safely portative lubricating film also in the interior of chains / ropes
- ✓ Very wide operative temperature range
- ✓ Excellent high temperature resistance
- ✓ Very slight formation of residues at high temperature use, does not form hard residues
- ✓ High compatibility with lacquers
- ✓ Low evaporation losses at high temperatures
- ✓ Good adhesive strength
- ✓ Optimal wear protection at high temperatures
- ✓ Reduces the energy consumption



Properties

Rivolta S.K.D. 240 is a fully synthetic temperature stable high performance oil especially developed for the chain lubrication. It is provided with additives against wear, ageing and corrosion. Low consumption quantities arise by minimized evaporation loss. **S.K.D. 240** only forms minimal residues at high temperature stress. These soft residues are soluble by a relubrication with **S.K.D. 240**. It reduces the consumption of energy and extends the life-time of chains.

Fields of application

For the lubrication of drive and conveyor chains. Especially in hot areas, such as e.g. lacquer dryers in the automobile industry, soldering systems, shrink tunnels in the packaging / food industry, stenter frames, drying and fixing units in the textile industry and conveyor chains in circular conveyor plants, kiln / drying plants in the wood, paper and construction industry.

Form	liquid
Colour	yellowish transparent
Odour	faint

	Value	Norm
Density at +15 °C	0,96 g/ml	DIN 51757
Viscosity index	> 130	DIN ISO 2909
Kine. Viscosity at +40 °C	100 mm²/s	DIN 51562-1
Kine. Viscosity at +100 °C	13,8 mm²/s	DIN 51562-1
Flash point	> +250 °C	DIN EN ISO 2592
Pourpoint	< -30 °C	DIN ISO 3016
Operative temperature range	-30 °C up to +240 °C	-
S.R.V.-Test: T = +200 °C, F = 200 N, 180,000 load changes (1 hour) Friction coefficient: µ min. µ max.	0,12 0,15	DIN 51834
Wear rate: Ball Disc	0,55 mm 1,70 µm	
Evaporation loss 1 h / +250 °C	< 10 by weight %	DIN 51581
Propensity to contaminate with lacquers	soft, pasty, resolvable	BL-L 105

Material compatibility

Rivolta S.K.D. 240 does not attack metals, lacquers as well as sealing materials resistant to mineral oil. The product is miscible and compatible with mineral oil.

Preparation of the lubricating point

- Please remove contaminations and residues as far as possible
- Subsequently lubricate with **Rivolta S.K.D. 240**. The friction points should be dry if possible to achieve the full adhesive strength of the product

Instructions for use

- **Oil can:** to lubricate single friction points you can use an oil can
- **Brush:** oil the friction surfaces thinly with a clean brush. Please take care that no soil will be dragged in
- **Plunging:** items shall be dipped in oil baths and subsequently be dropped off
- **Central lubrication:** especially for the processing in automatic lubrication systems

