

# Rivolta S.K.D. 240

## High temperature stable adhesive lubricant

Rivolta S.K.D. 240 is a fully synthetic high temperature stable with high performance oil especially developed for the chain lubrication. To develop Rivolta S.K.D. 240 the special requirements of the chain lubrication were combined with the demands of a compatibility with lacquers. Thus the product is built up on a mixture of synthetic ester oils with additives to improve the wear-, ageing- and corrosion protection.

Examinations show that Rivolta S.K.D. 240 affects systems of lacquers considerably less than ordinary chain lubricants.

## Applications

- Driving chains, timing chains and conveyor chains in hot areas
- Lacquer dryers in the automobile industry
- Shrink tunnels in the food industry
- Stenter frames in the textile industry
- Conveyor chains in circular conveyor plants

Technical data	Unit of measurement	Norm	S.K.D. 240
Density	g/ml	DIN 51757	0.96
Viscosity at 40 °C	mm <sup>2</sup> /s	DIN 51562	100
Viscosity at 100 °C	mm <sup>2</sup> /s	DIN 51562	13.8
Viscosity index	-	DIN ISO 2909	131
Flash point	°C	DIN EN ISO 2592	>250
Pour point	°C	DIN ISO 3016	<-30
Operative temperature range	°C	-	-30/+240
Evaporation behaviour	% by weight	BL-L 058	<10
Propensity to contaminate with lacquers	-	BL-L 105	Soft, pasty, soluble
S.R.V. Test*			
Friction coefficient	μ min μ max	DIN 51834 part 2	0.12 0.15
Wear rate	ball		0.55
	disc		1.70
Color	-	-	Yellowish transparent
Odour	-	-	Faint

\* Swing friction wear tester, T=200°C, F=200N, 180,000 load changes (1h running time)

Packing in 400 mL spray can, 10 L can, 30 L can, 60 L drum and 200 L drum



## Product Strength

- Offer minimal friction and wear. It is able to reduce consumption of energy and extend life-time of chains
- It is high temperature stable and aging resistant. Long term use of lubricant can reduce maintenance costs and labour costs
- Prevent resinifications or contaminations with lacquers that influenced by high temperatures. There is very slight formation of residues
- No negative influence on surfaces which are to be lacquered. It offers high compatibility with lacquers
- Appropriate use does not create any risks to the workers' health and can also be used in food industry under Germany regulations
- No aggressive to common metals, plastics, lacquers and sealing materials resistant to mineral oils. The product is mixable and compatible with mineral oil

## Processing

Rivolta S.K.D. 240 is specially designed for automatic lubrication systems like drip feed lubricators, wick oilers, spray oil systems and mist oil systems, can also be applied by spray, oil can, brush or plunging.

