

# S.K.D. 3501

High-speed grease

## The benefits at a glance

- Fully synthetic
- Very high speed factor
- Ageing and oxidation resistant
- Wide operative temperature range
- Suitable for low temperatures
- Energy saving by smooth running characteristics
- Very well pumpable



### Properties

**Rivolta S.K.D. 3501** is a fully synthetic high-speed grease based upon a metal soap framework in which a synthetic base oil is built in. In addition to this it contains additives to improve the oxidation stability, the wear protection and the corrosion protection.

### Fields of application

- High speed grease for fast running roller and plain bearings of all kinds, such as e.g. spindle bearings at machine tools, textile machines, precision bearings, electric motor bearings
- For the lubrication of bolts, joints, cam discs, sliding points and electronic contacts
- Low-temperature grease for bearings and guideways, etc.

<b>Form</b>	pasty
<b>Colour</b>	light grey
<b>Odour</b>	mild

### Material compatibility

**Rivolta S.K.D. 3501** does not attack common metals as well as plastics, lacquers and seals which are resistant to mineral oil. The product should **not** be mixed with other greases.

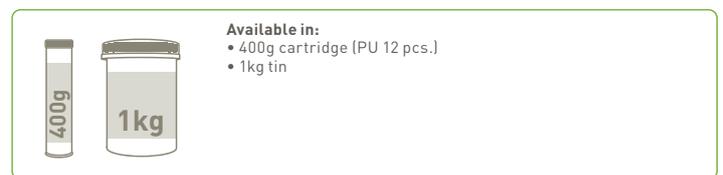
### Preparation of the lubricating point

Please remove contaminations and residues as far as possible.

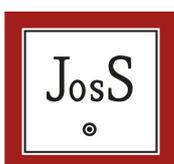
### Instructions for use

- **Bulk product:** apply evenly with a spatula or a hard brush. Take care that no dirt will be dragged in
- **Cartridge:** in a grease gun for 400g cartridges

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



	Value	Norm
<b>Density at +15 °C</b>	0,93 g/cm <sup>3</sup>	DIN 51757
<b>Viscosity of base oil at +40 °C</b>	15 mm <sup>2</sup> /s	DIN 51562-1
<b>Viscosity of base oil at +100 °C</b>	5,5 mm <sup>2</sup> /s	DIN 51562-1
<b>Dropping point</b>	> +190 °C	DIN ISO 2176
<b>Worked penetration</b>	280 – 310 1/10 mm	DIN ISO 2137
<b>ΔPW 100,000 Decrease of worked penetration after 100,000 double cycles</b>	< 30 1/10mm	–
<b>NLGI-class</b>	1 – 2	DIN 51818
<b>Temperature range</b>	-60 °C up to +120 °C	–
<b>S.R.V.-Test: T = +100 °C, F = 200 N, 100.000 load changes Friction coefficient:</b>	0,12	DIN 51834
<b>Wear rate: Ball Disc</b>	0,50 mm < 2 µm	
<b>Flow pressure</b>	< 25 kPa at -20 °C < 45 kPa at -40 °C < 110 kPa at -60 °C	DIN 51805
<b>Oil separation at +40 °C</b>	< 3 % after 18 h	DIN 51817
<b>Water resistance</b>	1 – 90	DIN 51807 T1
<b>Speed factor</b>	1.000.000 mm / min	–
<b>Corrosion protection to steel (SKF-Emcor)</b>	0 – 0 corr.-grade	DIN 51802
<b>Corrosion effect on copper</b>	1 at 100 corr.-grade	DIN 51811



**JosS d.o.o.**

Sokolska 45 | 2000 Maribor | Slovenia  
 T +386 2 421 57 20 | GSM +386 41 705 509  
 joss@joss.si | www.joss.si