

# S.K.D. 6002

Extreme temperature grease



## The benefits at a glance

- NSF-H1 listed
- Very wide operative temperature range  
-30°C up to +280°C / 300°C\*
- Minimal evaporation losses
- Very long service life at very high operating temperatures
- Outstanding lubricating properties
- Very good adhesive strength
- Extremely low lubricant consumption
- Resistant against water, hot steam, solvents, lyes and acids
- Excellent material compatibility with plastics and sealings



### Properties

**Rivolta S.K.D. 6002** is a special fully synthetic grease based on a fluorine oil and a special thickener. This combination gives a thermal stability to our products that is far superior to conventional extreme temperature greases. Thus our product lubricates even up to the temperature limit for lubricants of +280°C in short term peaks up to +300°C. The inert base oil guarantees full lubricant efficiency even when aggressive mediums are present.

### Fields of application

• **Plastic injection moulding:**  
for thermally highly stressed ejectors, core actuators and other sliding surfaces at plastic injection moulding tools. Suitable for sensitive materials such as transparent parts, PC, EPDM etc. Very resistant to aggressive plastic condensates. Because of an extremely low evaporation loss Rivolta S.K.D. 6002 remains supple and lubricating active for a long time even under the highest thermal loads.

• **Roller bearings and plain bearings:**

Lubrication at high temperatures such as e.g. at: bearings of dryers, oven chains, electromotors, fans and compressors, running wheels in ovens and autoclave carts, etc.

• **Bearings and guides:**

In aggressive atmosphere, such as e.g. in the chemical industry or the metal processing industry

### Material compatibility

**Rivolta S.K.D. 6002** is excellent compatible with plastics and seals. **S.K.D. 6002** is not miscible with mineral oil products as well as with other synthetic lubricants.

### Preparation of the lubricating point

Before using the product please clean the lubrication point thoroughly. The high technical qualities of our product are only obtainable when using it on clean metal surfaces.

### Instructions for use

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

<b>Form</b>	pasty
<b>Colour</b>	white
<b>Odour</b>	odourless



**Available in:**

- 200 g dispenser
- 500 g tin

	Value	Norm
<b>NSF Reg.- Nr.</b>	150895	-
<b>Density at +15 °C</b>	1,9 g/ml	DIN 51757
<b>Viscosity of base oil at +40 °C</b>	500 mm <sup>2</sup> /s	DIN 51562-1
<b>Dropping point</b>	none	DIN ISO 2176
<b>Worked penetration</b>	265 – 295 1/10 mm	DIN ISO 2137
<b>ΔPW 100,000 Decrease of worked penetration after 100,000 double cycles</b>	< 20 1/10 mm	-
<b>NLGI grade</b>	2	DIN 51818
<b>Operative temperature range</b>	-30 °C up to +280 °C / +300 °C*	-
<b>Evaporation loss</b> +204 °C / 22h +250 °C / 22h +250 °C / 500h	< 1 % < 1,4 % < 12 %	DIN 58397-1
<b>Waterresistance</b>	0-90	DIN 51807 T1
<b>VKA welding load</b>	5000 / 5500 N	DIN 51350
<b>Corrosion effect on copper 24h / +100 °C</b>	1a	DIN 51811

\* short term peaks



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