

# S.K.D. 3802 / 3817

Biodegradable multi-purpose lubricants



## The benefits at a glance

- Fully synthetic
- Outstanding environmental friendliness
- Ageing-resistant, no resinification and gumming
- Very good water resistance
- Good feedability in central lubricating systems
- Reduces friction and wear as well as energy consumption
- Wide operative temperature range
- Good corrosion inhibiting properties



## Properties

**Rivolta S.K.D. 3802** and **Rivolta S.K.D. 3817** are fully synthetic multi-purpose greases for application fields in ecologically sensitive areas. **S.K.D. 3802** and **3817** contain biodegradable synthetic oils and additives to improve the ageing stability, the corrosion prevention as well as the lubricating properties. The life-time of loaded components will be increased, the energy consumption will be reduced.

## Fields of application

- **Bearings:** to lubricate roller and plain bearings of all kinds
- **Slideways, guide rails**
- **Bolts, levers, joints**
- **Gear wheels, gear rims, racks**
- **Water turbines, electric motors and generators**
- **Pumps**

<b>Form</b>	pasty
<b>Colour</b>	beige, opaque
<b>Odour</b>	mild

**Rivolta S.K.D. 3802** and **3817** are especially suitable for use where an endangering of a stretch of water or earth because of a lubricant loss cannot be excluded.

## Material compatibility

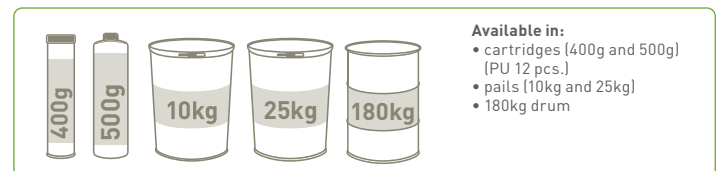
**Rivolta S.K.D. 3802** and **3817** do not attack common metals, plastics, lacquers and seals which are resistant to mineral oil. The products should **not** be mixed with other greases.

## Preparation of the lubricating point

Please remove contaminations and old residues as far as possible.

## Instructions for use

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



	Value		Norm
	S.K.D. 3802	S.K.D. 3817	
<b>Density at +15 °C</b>	0,91 g/cm <sup>3</sup>	0,92 g/cm <sup>3</sup>	DIN 51757
<b>Viscosity of base oil at +40 °C</b>	100 mm <sup>2</sup> /s		DIN 51562-1
<b>Dropping point</b>	> +190 °C		DIN ISO 2176
<b>Worked penetration</b>	265 – 295 1/10 mm	310 – 340 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	1	DIN 51818
<b>Temperature range</b>	-40 °C up to +130 °C	-55 °C up to +100 °C	–
<b>S.R.V.-Test (T=+100 °C, F=200 N 500,000 load changes) Friction coefficient:</b>	0,10	0,12	DIN 51834
<b>Wear rate: Ball Disc</b>	0,50 mm < 1,50 µm	0,53 mm < 1,55 µm	
<b>Flow pressure</b>	11 kPa bei +20 °C 45 kPa bei -20 °C	10 kPa bei +20 °C 50 kPa bei -30 °C	DIN 51805
<b>Oil separation at +40 °C</b>	< 1 % after 18 h		DIN 51817
<b>Corrosion protection to steel (SKF-Emcor)</b>	0 – 0 corr.-grade		DIN 51817
<b>Corrosion effect on copper</b>	1a		DIN 51811
<b>Ecological data</b>			
<b>Water hazard class</b>	1		according to German Water Hazard Classification
<b>Bacteria toxicity</b>	10,0 g/l		DIN 38412 T27
<b>Fish toxicity</b>	3,0 g/l	3,2 g/l	DIN EN ISO 7346
<b>Mammal toxicity</b>	> 5000 mg/kg		(OECD Guidelines No. 401)



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