

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
- ✓ High performance
- ✓ Very good water resistance
- ✓ Good feedability in central lubricating systems
- ✓ Reduces friction and wear as well as the consumption of energy
- ✓ Wide operative temperature range
- ✓ Good corrosion inhibiting properties



Property

Rivolta S.K.D. 3802 and **S.K.D. 3817** are fully synthetic multi-purpose greases for application fields in ecologically sensitive areas. **S.K.D. 3802 / 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**

Form	pasty
Colour	beige, opaque
Odour	mild

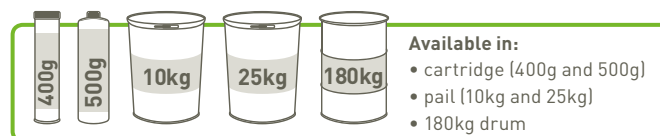
Rivolta S.K.D. 3802 / 3817 are especially suitable for use where an endangering of a stretch of water or earth because of a lubricant loss cannot be excluded.

Material compatibility

Rivolta S.K.D. 3802 / 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.



	Value		Norm
	S.K.D. 3802	S.K.D. 3817	
Density at +15 °C	0,91 g/ml	0,92 g/ml	DIN 51757
Viscosity of base oil at +40 °C	100 mm ² /s		DIN 51562-1
Dropping point	> +190 °C		DIN ISO 2176
Worked penetration	265–295 1/10 mm	310–340 1/10 mm	DIN ISO 2137
ΔPW 100,000 Decrease of worked penetration after 100,000 double cycles	< 20 1/10 mm		-
NLGI grade	2	1	DIN 51818
Operative temperature range	-40 °C up to +130 °C	-55 °C up to +100 °C	-
S.R.V.-Test (T=+100 °C, F=200 N 500,000 load changes)			
Friction coefficient	0,10	0,12	DIN 51834
Wear rate			
Ball	0,50 mm	0,53 mm	
Disc	< 1,50 µm	< 1,55 µm	
Flow pressure	11 kPa at +20 °C 45 kPa at -20 °C	10 kPa at +20 °C 50 kPa at -30 °C	DIN 51805
Oil separation at +40 °C	< 1% after 18 h		DIN 51817
Corrosion protection to steel (SKF-Emcor)	0–0 corr.-grade		DIN 51802
Corrosion effect on copper	1a		DIN 51811
Ecological data			
Water hazard class	WGK 1		according to German Water Hazard Classification
Bacteria toxicity	10,0 g/l		DIN 38412 T27
Fish toxicity	3,0 g/l	3,2 g/l	DIN EN ISO 7346
Mammal toxicity	> 5000 mg/kg		[OECD Guidelines No. 401]