

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**

Form	pasty
Colour	beige, opaque
Odour	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	
Density at +15 °C	0,91 g/cm ³	0,92 g/cm ³	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
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 Disc	0,50 mm < 1,50 μm	0,53 mm < 1,55 μm	
Flow pressure	11 kPa bei +20 °C 45 kPa bei -20 °C	10 kPa bei +20 °C 50 kPa bei -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 51817
Corrosion effect on copper	1a		DIN 51811
Ecological data			
Water hazard class	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)



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