Rivolta®

bremer & leguil

S.K.D. 4002

High-temperature, high-performance grease

The benefits at a glance

- Fully synthetic
- Multipurpose in use
- Long service life also at high temperatures
- Good pumpability
- Reduces friction and wear
- Low lubricant consumption
- Very wide operative temperature range
- Energy saving by dynamic smooth running properties

Properties

Rivolta S.K.D. 4002 is a workstable, water-resistant, high temperature-stable synthetic grease developed for the use in heavily loaded roller and plain bearings. Beside ageing-resistant, synthetic base oils and a special thickener **S.K.D. 4002** contains a new forward-looking additive-system that offers an optimal compressive strength at all service conditions.

Fields of application

- **Roller bearings:**
  - heavily loaded deep groove ball bearings, conical roller bearings and needle roller bearings at extreme low and extreme high temperatures, such as e.g. bearings in freezing tunnels, evaporator fans, bearings in soldering, welding and flame cutting machines, etc.
  - bearings in electromotors, generators , compressors, fans, blowers and hot gas ventilators
  - low noise roller bearings
  - guide rolls in stenters
  - ball bearings in clip chains of textile machines
  - roller bearings of calenders or coating machines
  - impellers in oven or autoclave carts
  - conveyor roller and guide roller bearings in conveyor sytems and ovens
- **Plain bearings:** which are exposed to high temperatures
- **Electrical contacts:** lubrication of indoor contacts of disconnectors, switches, etc.

Material compatibility

Rivolta S.K.D. 4002 does not attack common metals, plastics, lacquers and seals which are resistant to mineral oil. The products should **not** be mixed with other greases**.**

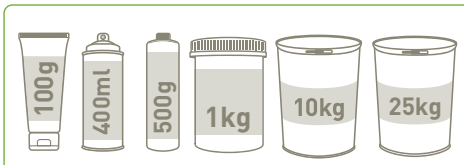
Preparation of the lubricating point

Please remove contaminations and old residues as far as possible.

Instructions for use

Suitable application devices and accessories in our accessories brochure.

Form	pasty
Colour	beige, opaque
Odour	mild



Erhältlich in:
- 100 g tube (PU 20 pcs.)
- cartridges (400 g and 500 g)
- 1 kg tin
- pails (10 kg and 25 kg)

	Value	Norm
Density at +15 °C	0,87 g/ml	DIN 51757
Viscosity of base oil at +40 °C	100 mm²/s	DIN 51562-1
Dropping point	> +250 °C	DIN ISO 2176
Worked penetration	265 – 295 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	DIN 51818
Operative temperature range	-50 °C up to +210 °C	–
S.R.V.-Test: **T = +150 °C / +50 °C up to +210 °C and 1 m / 500.000 load changes** **Friction coefficient:** **Wear rate:** **Ball** **Disc**	 0,060 0,50 mm < 1,00 µm	DIN 51834
Flow pressure	15 kPa bei +20 °C 55 kPa bei -35 °C	DIN 51805
Oil separation at +40 °C	< 1 % after 18 h	DIN 51817
Corrosion protection to steel (SKF-Emcor)	0 and 0 corr.-grade	DIN 51802
Corrosion effect on copper	1	DIN 51811

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