

# S.K.D. 3602

High pressure high performance grease



## The benefits at a glance

- ✓ Free of solids
- ✓ Optimal compressive strength
- ✓ Extreme adhesive strength
- ✓ Good corrosion protection
- ✓ Very good weather resistance
- ✓ Shocklike loads and vibrations are dampened
- ✓ High water resistance
- ✓ Wide operative temperature range



## Property

Rivolta S.K.D. 3602 is an extremely pressure-stable and water-resistant semi-synthetic grease of medium consistency for the lubrication of highly loaded bearings, guides and crown gear drives. It provides an optimal compressive strength by setting up an elastic-hydrodynamic lubricant film. It has very favourable friction and wear characteristics. Vibrations and shocklike loads will be absorbed. The life-time of the lubricated components is extended and the expenses for maintenance and repair will be reduced.

## Fields of application

- **Roller and plain bearings:** slow up to medium fast running bearings at high mechanical loads
- **Crown gear drives:** Start up and long-term lubricant for highly loaded crown gear drives
- **Bolts, levers, joints, spindles:** at high mechanical load and strong influences of weather
- **Other application areas:** acts as mounting grease against tribocorrosion and serves as lubricant for electric contacts in the outdoor area and at outdoor disconnectors

|               |           |
|---------------|-----------|
| <b>Form</b>   | pasty     |
| <b>Colour</b> | brownish  |
| <b>Odour</b>  | odourless |

## Material compatibility

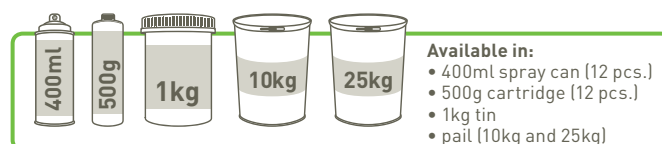
Rivolta S.K.D. 3602 does not attack common metals as well as plastics, lacquers and seals which are resistant to mineral oil. The product should **not** be mixed with other greases.

## Preparation of the lubricating point

Please clean the lubricating point before the use of Rivolta S.K.D. 3602. Take care of an adhesive underground.

## Instructions for use

- **Spray can:** spray the lubricant from a distance of approximately 15 to 20 cm uniformly on the friction surface. After about 10 minutes a fully carrying, adhesive lubricating film will be formed
- **Bulk product:** apply evenly with a spatula or a hard brush. Take care that no dirt will be dragged in
- **Cartridge:** two hand grease gun or cartridge pump KPS 500



|   | Value                 | Norm         |
|---|-----------------------|--------------|
| <b>Density at +15 °C</b>  | 0,95 g/ml             | DIN 51757    |
| <b>Viscosity of base oil at +40 °C</b>  | ca. 220 mm²/s         | DIN 51562-1  |
| <b>Dropping point</b>   | > +180 °C             | 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 +140 °C  | -            |
| <b>S.R.V.-Test (T=+125 °C, F=200 N 500,000 load changes)</b>                  |                       |              |
| <b>Friction coefficient:</b>  | 0,060                 | DIN 51834    |
| <b>Wear rate:</b>   |                       |              |
| <b>Ball</b>   | 0,50 mm               |              |
| <b>Disc</b>   | < 1,00 µm             |              |
| <b>Oil separation at +40 °C</b>   | <1% after 18 h        | DIN 51817    |
| <b>Corrosion effect on copper</b>   | 1a at 100 corr.-grade | DIN 51811    |