

# S.K.D. 3800

Biodegradable lubricant for switches

## The benefits at a glance

- Fully synthetic
- Extremely biodegradable
- High water resistance
- Wide operative temperature range from -35 °C up to +100 °C
- Reduces friction and wear
- Good UV-resistance
- Ageing-stable, no resinification and gumming



## Properties

**Rivolta S.K.D. 3800** is a fully synthetic, environmentally friendly fluid grease. A rapidly biodegradable, fully synthetic ester oil is built in a metal soap framework. **S.K.D. 3800** is water-resistant and contains biodegradable additives to improve the ageing stability, the corrosion prevention as well as the lubricating properties. It is arranged that way that the outstanding environmental acceptability is combined with a high technical efficiency.

## Fields of application

Switches and gliding planes at rail track systems.

<b>Form</b>	semi-fluid
<b>Colour</b>	grey
<b>Odour</b>	nearly odourless

## Material compatibility

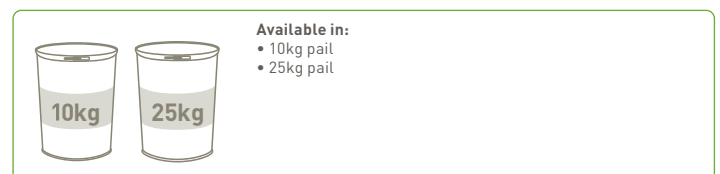
**Rivolta S.K.D. 3800** does not attack common metals as well as plastics, lacquers and seals which are resistant to solvents. The product should **not** be mixed with other greases.

## Preparation of the lubricating point

Please remove contaminations and old residues as far as possible.

## Instructions for use

Apply **Rivolta S.K.D. 3800** evenly to the friction surfaces. You can apply **S.K.D. 3800** manually, e.g. by brush or handsprayer, or by means of a suitable automatic processing equipment. Suitable application devices and accessories in our [accessories brochure](#).



	Value	Norm
<b>Density at +15 °C</b>	1,0 g/cm <sup>3</sup>	DIN 51757
<b>Viscosity of base oil at +40 °C</b>	40 mm <sup>2</sup> /s	DIN 51562-1
<b>Worked penetration</b>	445 – 475 1 / 10 mm	DIN ISO 2137
<b>NLGI grade</b>	000	DIN 51818
<b>Temperature range</b>	-35 °C up to +100 °C	–
<b>S.R.V.-Test (T=+100 °C, F=200 N 500,000 load changes)</b>		
<b>Friction coefficient:</b>	0,11	DIN 51834
<b>Wear rate: Ball Disc</b>	0,52 mm < 1,50 µm	
<b>Oil separation at +40 °C</b>	< 1 % after 18 h	DIN 51817
<b>Corrosion effect on copper</b>	1a	DIN 51811
<b>Ecological data</b>		
<b>Biodegradability</b>	> 70 % (28d)	OECD 302 B