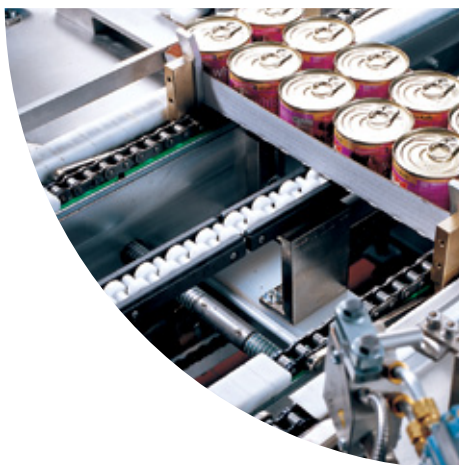


F.L.G. GT-2/GT-3/GT-4/GT-Spray

Multi-temperature greases



The benefits at a glance

- ✓ NSF-H1 listed
- ✓ Ageing and oxidation stable
- ✓ Excellent lubricating effect
- ✓ Very good water resistance
- ✓ High thermal stability
- ✓ Wide operative temperature range
- ✓ Good pumpability at low temperatures (GT-2)
- ✓ Excellent corrosion protection
- ✓ Minimum friction and wear



Property

Rivolta F.L.G. GT-2/GT-3/GT-4/GT-Spray are fully synthetic high performance lubricants for the food, pharmaceutical and feed industry. The products are workstable, extremely water-resistant, high temperature-stable synthetic greases developed for heavily loaded roller and plain bearings as well as for guidings in a very wide operative temperature range.

Fields of application

• Rolling bearings:

- heavily loaded, slowly up to medium-fast running Rolling bearings at very high temperatures, such as e.g. bearings in automatic baking ovens, drying kilns
- bearings with high impulsive loads such as e.g. at pellet presses
- conveyor Rolling bearings and guide pulley bearings in conveyors, dryers and ovens

• Plain bearings:

- for plain bearings exposed to high temperatures

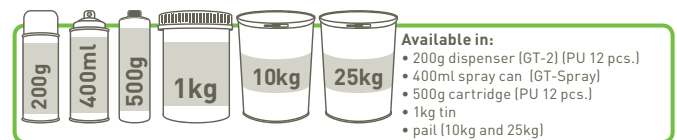
- For the lubrication of bolts, joints, disc cams and other sliding points
- Low temperature grease for bearings and guidings (GT-2/GT-Spray)
- High performance grease for fast running roller and plain bearings of all kinds (GT-2/GT-Spray)
- Bearings and guidings at slow sliding speeds and high surface pressures (GT-4)
- Gear rims, gear racks at high shock loads and at high media exposure (GT-4)

Material compatibility

The products do not attack common metals, plastics, lacquers as well as 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 residues as far as possible.



Form	pasty
Colour	beige
Odour	neutral

	Value			Norm
	F.L.G. GT-2 / GT-Spray	F.L.G. GT-3	F.L.G. GT-4	
NSF Reg.-No.	140657 142364 (GT-Spray)	148993	143102	-
Density at +15 °C	0,95 g/ml			DIN 51757
Viscosity of base oil at +40 °C	85 mm ² /s	220 mm ² /s	460 mm ² /s	DIN 51562-1
Type of thickener	Calcium sulfonate complex			-
Dropping point	> +250 °C	> +280 °C	> +310 °C	DIN ISO 2176
Worked penetration	265–295 1/10 mm			DIN ISO 2137
NLGI grade	2			DIN 51818
Operative temperature range	-45 °C up to +170 °C	-40 °C bis +170 °C	-35 °C up to +180 °C	-
Classification DIN	KP HC 2 P-40	KP HC 2 P-40	KP HC 2 R-30	DIN 51502
Classification ISO	L-XDEIB 2	L-XDEIB 2	L-XCFIB 2	ISO 6743-9
Water resistance at 90 °C / 3 h	0			DIN 51807 T1
Oil separation at +40 °C / 18 h	< 0,5%			DIN 51817
S.R.V.-Test	T = +190 °C, F = 200 N			DIN 51834
Friction coefficient				
μ min.	0,08	0,08	0,07	-
μ max.	0,09	0,09	0,09	
Wear rate				
Ball	0,45 mm	0,45 mm	0,42 mm	-
Disc	< 1,0 μm	< 1,0 μm	< 1,0 μm	
Corrosion protection to steel	0–0 Corr.-grade			DIN 51802
Corrosion effect on copper	1 Corr.-grade			DIN 51811