Rivolta

FLG GT-2/GT-3/GT-4/GT-Spray

Multi-temperature greases



The benefits at a glance

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



F.L.G. GT-4

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Leading quality: **Rivolta** <u>C</u>ASSIDA

Rivolta

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 waterresistant, 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 Colour Odour	pasty beige	2004	5 1 9	5009	1kg	10kg	25kg	Available in: • 200g dispenser (GT-2) (PU 12 pcs.) • 400ml spray can (GT-Spray) • 500g cartridge (PU 12 pcs.) • 1kg tin
Ououi	neutral							• pail (10kg and 25kg)

	Value			Norm				
	F.L.G. GT-2 / GT-Spray	F.L.G. GT-3	F.L.G. GT-4					
NSF RegNo.	140657 142364 (GT-Spray)	148993	143102	-				
Density at +15 °C		0,95 g/ml						
Viscosity of base oil at +40 °C	85 mm²/s	220 mm²/s	460 mm²/s	DIN 51562-1				
Type of thickener	Cal	Calcium sulfonate complex						
Dropping point	> +250 °C	> +280 °C	> +310 °C	DIN ISO 2176				
Worked penetration		265–295 1/10 mm						
NLGI grade		2						
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	1	0						
Oil separation at +40 °C/18 h		< 0,5 %						
S.R.VTest		T = +190 °C, F = 200 N						
Friction coefficient µ min. µ max.	0,08 0,09	0,08 0,09	0,07 0,09	-				
Wear rate Ball Disc	0,45 mm < 1,0 μm	0,45 mm < 1,0 μm	0,42 mm < 1,0 μm	-				
Corrosion protection to steel		0–0 Corrgrade	0-0 Corrgrade					
Corrosion effect on copper		1 Corrgrade	1 Corrgrade					
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