

F.L.G. 2-0/3-1/4-2/HF-2

Synthetic lubricating greases



The benefits at a glance

- ✓ NSF-H1 listed
- ✓ Ageing and oxidation stable
- ✓ Very good water resistance
- ✓ High thermal stability



Property

Rivolta F.L.G. lubricating greases are fully synthetic high performance lubricants for the food industry. This product range is qualified by a few numbers of fully synthetic high performance lubricating greases free from mineral oil for almost all grease lubricated applications in the area of the food industry.

F.L.G. 4-2 is the lubricant for rolling and plain bearings.

F.L.G. HF-2 is a water resistant adhesive grease for the lubrication of fittings, gear rims and gear couplings.

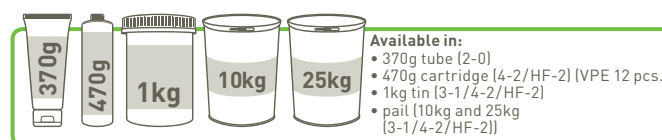
F.L.G. 2-0 is the right choice for centralized lubricating systems of packing machines.

F.L.G. 3-1 is offered for the use of grease lubricated gears.

Fields of application

- Open and closed gears, e.g. rolling gear (spur gear, bevel gear), helical gear, worm gear pair, bevel gear pair with pinion offset
- Gear couplings, gear rims, fittings, levers, bolts, joints, guidings metal/metal e.g. at gripper systems of food packing machines
- Rolling bearings and plain bearings, e.g. deep groove ball bearings, angular contact ball bearings, cylindrical roller bearings at chargers, bottle cleaning machines, labeling machines, bottle capping machines, filling machines, cyclones etc.

Form	pasty
Colour	white (F.L.G. 2-0: beige)
Odour	neutral



	Value				Norm
	F.L.G. 2-0	F.L.G. 3-1	F.L.G. 4-2	F.L.G. HF-2	
NSF Reg.-No.	128923	125884	125886	137709	-
Density at +15 °C	0,83 g/ml	0,86 g/ml	0,85 g/ml		DIN 51757
Viscosity of base oil at +40 °C	100 mm²/s			280 mm²/s	DIN 51562-1
Viscosity of base oil at +100 °C	13,4 mm²/s			35,4 mm²/s	DIN 51562-1
Type of thickener	aluminium complex				-
Dropping point	-	> +200 °C			DIN ISO 2176
Worked penetration	500–540 1/10 mm	370–410 1/10 mm	265–295 1/10 mm	290–330 1/10 mm	DIN ISO 2137
NLGI grade	-	0–00	2	1–2	DIN 51818
Operative temperature range	-50 °C up to +120 °C	-40 °C up to +140 °C			-
Classification DIN	-	GP HC 00 G-40	-		DIN 51502
Classification ISO	-	L-XEBA 00	-		ISO 6743-9
Water resistance at +90 °C/3 h	-	1			DIN 51807 T1
Oil separation at +40 °C/18 h	< 1 %				DIN 51817
Corrosion protection to steel	0–0 Corr.-grade				DIN 51802
Corrosion effect on copper	1 Corr.-grade				DIN 51811