

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

Synthetic lubricating greases



## The benefits at a glance

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



**Properties**

**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.

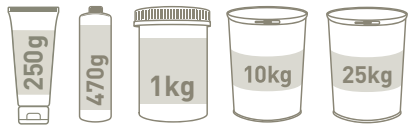
|               |                           |
|---------------|---------------------------|
| <b>Form</b>   | pasty                     |
| <b>Colour</b> | white (F.L.G. 2-0: beige) |
| <b>odour</b>  | neutral                   |

**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, labelling machines, bottle capping machines, filling machines, cyclones etc.

**Instructions for use**

Suitable application devices and accessories in our [accessories brochure](#).



**Available in:**

- 250 g tube (only FLG 2-0)
- 470 g cartridge (only FLG 4-2 / HF-2) (PU 12 pcs.)
- 1 kg tin (only 3-1 / 4-2 / HF-2)
- pail (10 kg and 25 kg) (only 3-1 / 4-2 / HF-2)

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



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