

## Technical Data Sheet Grease F07

High-performance lubricating grease NLGI class 2

### Product description:

The DLS F07 grease is a high-performance lubricating grease with small proportions of PTFE as a solid lubricant. Due to the modern lubricating grease concept of F07 (polyalphaolefin, synthetic organic thickener, selected additives in combination with PTFE solid lubricant), F07 is especially suitable for medium to high speed bearings, heavy stresses in the high temperature range as well as for conical and pendulum roller bearings. F07 has very good conveyability.

### Technical Details

| Property                             | Value/characterisation      | Standard     |
|--------------------------------------|-----------------------------|--------------|
| Colour                               | cream                       | -            |
| Smell                                | neutral                     | -            |
| Classification                       | KPHC2P-40                   | DIN 51825    |
| Density at +15° C                    | 0.94 Pg/cm <sup>3</sup>     | DIN 51757    |
| Oil base                             | Synthetic (polyalphaolefin) |              |
| Viscosity of the basic oil (40°C)    | ISO VG 150                  | DIN 5162-1   |
| Thickener                            | Synthetic, organic          |              |
| Drip point                           | >240°C                      | DIN ISO 2176 |
| NLGI class                           | 2                           | DIN 51818    |
| Temperature application range        | -40°C ...+160°C             |              |
| Water resistance at 90°C / 3h        | 1                           | DIN 51807 T1 |
| Oil separation at +40°C / 18h        | <4%                         | DIN 51817    |
| Conveyability in lubricating systems | -40°C ... +80°C             |              |

### Available containers

|                         |                                |                        |
|-------------------------|--------------------------------|------------------------|
| 125ml cartridge F07     | FlexxPump 125 series           | Part. No.: 000-107-101 |
| 250ml cartridge F07     | FlexxPump 125 series           | Part. No.: 000-107-102 |
| 400ml cartridge F07     | FlexxPump 400 series           | Part. No.: 000-107-105 |
| 1500ml bellows F07      | FlexxPump 1500                 | Part. No.: 000-107-115 |
| 400ml grease press F07  | DIN 1284; e.g. for pre-filling | Part. No.: 000-107-220 |
| 1kg can F07             | e.g. for pre-greasing          | Part. No.: 000-107-210 |
| 18kg plastic bucket F07 |                                | Part. No.: 000-107-240 |
| Pre-filled hose F07     | Ø 6x4; maximum 10m long        | Part. No.: 134-003-007 |
| Pre-filled hose F07     | Ø 8x5; maximum 10m long        | Part. No.: 134-008-007 |

### Miscellaneous

The grease does not attack normal metals, varnishes, plastics and mineral oil-resistant seals. Mixability of the grease with other greases can be clarified by consultation. Soiling and residue must be removed as well as possible to prepare the lubrication point, special cleaners are not required.

### Recommended applications



Legend: ++ very good | + good | o suitable | - unsuitable

These data and information correspond to the latest state of knowledge and our development. However, they represent no promise of properties or a guarantee for the suitability of the products in the individual case. We reserve the right to change the data in this technical information and to make technical modifications at any time and without prior notice.

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