



## Foodmax Grease TF-S

High performance synthetic food grade grease containing PTFE

### Description

A high performance grease formulated with the latest technology synthetic base oils enriched with a selective use of special additives. Foodmax Grease TF-S contains PTFE, which reduces the friction coefficient and provides lubrication under almost all circumstances. Foodmax Grease TF-S is NSF and InS H-1 approved.

### Applications

- Maximum temperature is 180 °C, with a peak temperature up to 200 °C

- Bearings, slides, chains, general lubrication
- Medium-high speed bearings
- Lubrication of plastics and plastics to metal contact
- Oven bearing lubrication
- Applications which require boundary lubrication with PTFE

### Benefits

- Outstanding thermal stability
- High lubrication capacity
- Good compatibility with elastomers and plastic materials



### Typical performance data

|   | Test method | TF-S        |
|---|-------------|-------------|
| Colour  |             | White       |
| Thickener                                       |             | Silica      |
| Base oil type                                   |             | PAO+PIB     |
| Base oil viscosity @ 40 °C, cSt                 |             | 320         |
| Worked penetration 60 W, x 0,1 mm               | ASTM D217   | 250-280     |
| Drop point, °C                                  | ASTM D56    | 300         |
| 4-ball wear test                                | IP 239      |             |
| • Welding load, min, kg                         |             | 400         |
| • Scar diameter 1h/40 kg, max, mm               |             | 0,6         |
| EMCOR corrosion test, max                       | DIN 51802   | 0/0         |
| Copper corrosion @ 100 °C                       | ASTM D4048  | 1b          |
| Oxidation stability @ 100 °C, kg/m <sup>2</sup> | ASTM D942   | 0.5         |
| Evaporation loss @ 100 °C, %                    | ASTM D972   | 1           |
| Water washout @ 90 °C max                       | DIN 51807   | 1           |
| Oil separation @ 40 °C max, %                   | DIN 51817   | 3           |
| Dynamic viscosity @ 25 °C, mPas                 | Haake       | 2.800-4.500 |
| Working temperature range, °C                   |             | -40 – 180   |

All performance data on this Technical Data Sheet are indicative only and can vary during production  
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