



# HIGH TEMPERATURE LONG TERM GREASE

## Type HTF.260



The High-temperature long-term grease HTF.260 offer excellent resistance to high temperature and aggressive media and at the same time compatibility with plastics and elastomers.

### Higher machine availability and less need for maintenance

- At very high operating temperatures up to 260°C
- Under the influence of aggressive media and vapours
- When other lubricants influence sensible plastic-friction-partners negative

### Reliable operation in numerous industries and component types

- Thanks to base oils, which are made specifically to enable long-term stability

### Rolling and plain bearings subject to high temperatures

One of the well-known strengths of the HTF.260 series is the products' suitability for the lubrication of bearings and guides operating under extreme temperatures. A low evaporation rate enables longest grease lives and hence longest relubrication intervals. Typical applications include: e.g. in CGS systems like

- heated sample handling modules
- heated filter
- heated switching unit
- heated sampling probe
- heated sample gas transfer pump
- heated sample gas switch

### Friction points under the influence of media

HTF.260 greases offer exceptionally long service lifetimes even when exposed to any of a large number of aggressive media such as concentrated acids, lyes, organic solvents or gases. In addition to their resistance to media, HTF.260 offer also good adhesion and a sealing effect, which makes them suitable for application in

- Automotive industry
- Chemistry and gas industry
- Refinery (Fuel)
- Extraction plant
- Sealing (static, dynamic)
- Pneumatic components
- Level indicator e.g. fuel
- Hydrocarbon measurement



Digital Form at:  
[www.cgs-company.de/downloads/MDZ\\_E\\_D\\_HTF.260.pdf](http://www.cgs-company.de/downloads/MDZ_E_D_HTF.260.pdf)

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### Technical data

- Order No.: 1016121
- Chemical composition: Perfluoropolyether Oil, PTFE
- Service temperature: -40 to 260°C
- Colour: white
- Drop point: not measurable (DIN ISO 2176)
- Density at 20°C: ca. 1.96 g/cm<sup>3</sup>
- Consistency: 2 (DIN 51818, NLGI-Class)
- Kinematic viscosity of the base oil: (DIN 51562)
  - at 40°C: 400 mm<sup>2</sup>/s
  - at 100°C: 40 mm<sup>2</sup>/s
- Corrosion inhibiting properties: ≤ 1 (DIN 51802); (SKF-Emcor) ; test duration: 1 week, distilled water
- Flow pressure: < 1.600 mbar at test temperature: -40°C
- Four-ball tester, welding load: > 8.000 N (DIN 51350, pt. 04)
- Pack size: 100 g tube

### Minimum shelf life

Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original packing: approx. 60 months.