

Description

This grease is designed as a high temperature resistant food grade grease, containing PTFE anti-wear and other additives. SYNTECH FOOD HTS 00 is suitable for all plain and anti-friction bearings as well as sliding surfaces. Resistant to a wide range of chemical cleaning solutions used in the food and drink industries. SYNTECH FOOD HTS 00 is formulated for applications where MOSH, POSH and MOAH are prohibited.

Outstanding Features

- Provides long term lubrication at high temperatures, extending lubrication intervals
- Reduced formation of carbon deposits often associated with many high temperature grease
- Good sealing properties protect against the ingress of corrosive contaminants
- PTFE solid lubricant improves anti-wear performance prolonging component life
- Compatible with most types of rubber seals

Directions of Use

SYNTECH FOOD HTS 00 can be applied by hand, or via a central lubricating system capable of pumping an NLGI No. 00 grease.

As with all greases used for the first time, check compatibility with the grease applied previously and if necessary purge bearings prior to application. Likewise, as a general rule, take care not to over-lubricate and apply the quantity of grease recommended by the bearing manufacturer.

Technical Data

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| Appearance | - | White semi-translucent grease |
| NLGI Classification | - | 00 |
| Thickener | - | Inorganic Thickener |
| Drop point (IP 132) | - | None |
| Base oil | - | High viscosity silicone oil |
| Base oil viscosity at 40 °C, cSt | - | 750 |
| Base oil viscosity at 100 °C, cSt | - | 300 |
| Solid lubricant | - | PTFE |
| Copper corrosion (IP112) | - | Pass |
| Shell Four Ball (IP239) Weld load | - | 180kg |
| Mean Hertz Load | - | 30kg |
| dN factor | - | 300,000 |
| Operating temperature range | - | -30 °C to +150 °C |

The content of this data sheet is given in good faith but without warranty.