



## Technical Data Sheet

### Food-Tek Food Grease HD

**A food grade, water and wear resistant grease for food, beverage, pharmaceutical and other clean industries**

**Food Grease HD** is a premium quality, water resistant grease for use in food, pharmaceutical and beverage production environments where incidental food contact may occur and a high resistance to wear is required. Designed for applications where frequent wash down of plant is the norm. **Food Grease HD** is suitable for all bearing types.

**Applications: -**

All plain and rolling element bearings, bushes, slides and guides. Also suitable for wet and wash down areas, all heavy duty grease applications within the food and other clean industries.

**Features and Benefits: -**

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| <ul style="list-style-type: none"> <li>➤ NSF H1 registered</li> <li>➤ Calcium thickener</li> <li>➤ Oxidation and corrosion inhibited</li> <li>➤ Anti-wear properties</li> <li>➤ Extreme Pressure properties</li> </ul> | <ul style="list-style-type: none"> <li>Safe to use where incidental contact with food may occur.</li> <li>Resistant to water and humidity.</li> <li>Increases component and lubricant life whilst protecting against corrosion</li> <li>Resists wear and fretting on component surfaces, elongating component life</li> <li>Protects against shock loading</li> </ul> |
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**Method of Application: -**

**Food Grease HD** can be applied manually, or by using a standard grease gun (400gm cartridges available), or via a central lubricating system designed for and capable of pumping an NLGI No.2 grease; consult a qualified centralised lubrication systems engineer before installation.

Part Number: 10102



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### Typical Characteristics and properties

Appearance	-	Smooth adhesive grease
Colour	-	Off white
NLGI Classification (IP 50)	-	2
Thickener	-	Calcium 12 Hydroxy Stearate
Base oil	-	Technical white oil
Worked penetration (IP 50)	-	265 to 295
Dropping Point (IP32)	-	140°C
Oil separation (IP121) 7 days @ 40°C	-	4% max.
Resistance to corrosion EMCOR (IP220)-	-	0 : 0
Water washout (IP215) @ 38°C	-	4%
Four Ball Weld Load (IP 239)	-	315 kg
Scar diameter for 1 hr @ 40 kg	-	0.56mm
Operating temperature range	-	-20°C to +110°C

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