



# Product Data Sheet



## Royal Crown Tech Edge Grease

### *H1 Food Grade High Temperature Grease*

**Royal Crown Tech Edge Grease** is hi-temperature and heavy duty H1 food grade grease designed specifically for lubrication of the wide range of the severe operating conditions in the food industry. This grease is formulated with aluminum complex thickener and other permitted ingredients including high viscosity base oils and additives to meet the stringent requirements of the industry. This grease has high load carrying capabilities, rust preventive and excellent water resistant properties.

**Royal Crown Tech Edge Grease** is NSF H1 approved for applications where there is a possibility of incidental food contact.

#### Product Features:

- H1 Food Grade Grease
- Good Extreme Pressure and Rust Protection
- Excellent Water Resistance
- Excellent High Temperature Properties

#### Customer Features:

- Designed to work effectively in the temperature range of 0°F to 350°F
- Provides superior load and wear protection for the bearings and long life to machinery
- It works effectively for extended period of time under water ingress in food processing and other industries with excellent rust protection

#### Applications:

- This grease is though designed for the food industry but can also be used for other industrial application as well.

Specifications and Approvals	Royal Crown Tech Edge
NSF H1 - 145715	✓





## Typical Properties

### Royal Crown Tech Edge Grease

Product Number	977WA	Test Method
NLGI grade *	2	ASTM D 217
Thickener type	Aluminum Complex	-
Color	White	Visual
Base Oil viscosity		
@ 40°C, cSt	458.8	
@ 100°C, cSt	32.97	ASTM D 445
@ 100°F, SUS	2446	
@ 210°F, SUS	161.1	
Drop Point, °F	+ 500	ASTM D 2265
Worked Penetration at 25°C	265-285	ASTM D 217
Four Ball Weld load, kg	400	ASTM D 2783
Timken OK Load, lbs	50	ASTM D 2509
Water Washout, wt. % loss @ 175 F	< 3.0	ASTM D 1264
Water Spray off, % wt.	< 10 %	ASTM D 4049
NLGI grade *	2	ASTM D 217
Thickener type	Aluminum Complex	-

\* also available in other NLGI Grades

These properties are typical of the current production. Variations that do not affect product performance are to be expected depending on blending and manufacturing locations. The information above is subject to change without notice.

#### Health and Safety:

This product is unlikely to have any adverse health implications or safety hazards when used for its intended application. Avoid contact with skin, use resistant gloves when handling used oil. If skin comes in contact wash immediately with soap and water. For complete information on safe handling and product characteristics please refer to the Safety Data Sheet (SDS) found on our website. [www.royalmfg.com](http://www.royalmfg.com) or call (918)-584-2671.

#### Packaging options:



14oz. Cartridges



35 Lb. Pails



120 lb. Kegs



400 lb. Drums