



# Product Data Sheet



## Royal Crown Tech Ultra Grease

### H1 Food Grade High Performance Grease

**Royal Crown Tech Ultra Grease** is a new generation H1 Food Grade Grease designed specifically for lubrication of the most severe applications in the food industry. This grease is an overbased calcium sulfonate based greased formulated with permitted ingredients and also include anti-oxidants, extreme pressure and anti-wear additives to meet the most stringent requirements of the industry. This innovative grease outperforms all other food grade greases like calcium base, clay base and even aluminum complex base greases.

**Royal Crown Tech Ultra 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 Benefits:

- 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 ULTRA
NSF H1	✓





## Typical Properties

Royal Crown Tech Ultra Grease			
Product Number	955WA	955WA	Test Method
Color	White	White	Visual
Texture	Smooth , Tacky	Smooth , Tacky	Visual
Thickener	Overbased Calcium Sulfonate	Overbased Calcium Sulfonate	-
NLGI Grade	2	1	ASTM D 217
Worked Penetration	285	320	ASTM D-217
Change in Pen after 100,000 strokes	+ 20	+ 20	-
Roll Stability , % change	3.4 %	3.4 %	ASTM D 1831
Drop Point , <sup>o</sup> F	+ 550	+ 500	ASTM D 2265
Viscosity @ 40 C ,cSt	+ 110	+ 110	ASTM D 445
4-Ball EP load, kg	620	500	ASTM D 2596
Timken OK load , lbs.	60	50	ASTM D 2509
Water washout @ 175 <sup>o</sup> F, % wt.	2.0	2.0	ASTM D 1264
Copper Corrosion	Pass	Pass	ASTM D 4048
Rust Test	Pass	Pass	ASTM D 1743

**\*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:**



15oz. Cartridges



35 Lb. Pails



120 lb. Kegs



400 lb. Drums

