



## **Royal Crown Tech Titan Grease**

### ***Food Grade Synthetic Long Life Calcium Sulfonate Complex Grease***

**Royal Crown Tech Titan Grease** is fully synthetic high base oil viscosity food grade grease designed specifically for lubrication of the most severe applications in the food industry. This grease is an overbased calcium sulfonate grease 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 based, clay based and even aluminum complex based greases.

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

#### **Product Features:**

- Food Grade Grease
- Outstanding Extreme Pressure Protection
- Very Good Water Resistance
- Excellent High Temperature Properties

#### **Customer Benefits:**

- Recommended for food and pharmaceutical industry in applications of chances of incidental contact
- Provides superior load and wear protection for to 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.
- Designed to work effectively in the temperature range of 0 °F to 350 °F



## Typical Properties

### Royal Crown Tech Titan Grease

Product Number	956WA	Test Method
Color	White	Visual
Texture	Smooth	Visual
Thickener	Overbased Calcium Sulfonate	-
NLGI Grade	2	ASTM D 217
Worked Penetration	280	ASTM D-217
Change in Pen after 100,000 strokes	+ 10	-
Roll Stability , % change	2.4 %	ASTM D 1831
Drop Point, °F	+ 550	ASTM D 2265
Viscosity @ 40 °C ,cSt	VG 220	ASTM D 445
4-Ball EP load, kg	500	ASTM D 2596
Timken OK load , lbs.	60	ASTM D 2509
Water washout @ 175 °F, % wt.	2.0	ASTM D 1264
Copper Corrosion	Pass	ASTM D 4048
Rust Test	Pass	ASTM D 1743
Operating Temp	- 40 °C to + 250 °C	-
Wheel Bearing leakage	3.1 gm	ASTM D 1263

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 contained herein 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 Material Safety Data Sheet (MSDS) found on our website. [www.royalmfg.com](http://www.royalmfg.com) or call (918)-584-2671.

#### Packaging Options:



35 lb. Pails



120 lb. Drums



2000 lb. totes



50,000 lb. Bulk