

# PRODUCT DATA SHEET

## **Royal Ultra 865 Grease** **High Performance Multipurpose Grease**



### PRODUCT DESCRIPTION:

**Royal Ultra 865 Grease** Formula and Manufacturing Process have been perfected over the years to produce the best quality Over Based Calcium Sulfonate Complex Grease with outstanding performance in severe operating conditions. We control the process in such a way where formation of Calcite is maximized and vaterite is minimized.

**Royal Ultra 865 Grease** is made with premium base oils that provide grease and equipment long life and protects against chemical and thermal degradation keeping equipment free from metal to metal contact and temperature under control, ensuring the best protection even under very severe operating conditions.

**Royal Ultra 865 Grease** unique formula and manufacturing process make this grease to develop outstanding pumpability characteristics where other sulfonate greases fail.

**Royal Ultra 865 Grease** is high performance extreme pressure grease exhibiting outstanding film strength and resistance to corrosive saltwater environments.

### KEY FEATURES:

- Calcium sulfonate base
- Water Resistant
- Extreme Pressure properties
- High Drop Point – Suitable for high temperature application
- Excellent rust protection properties

### CUSTOMER BENEFITS:

- Excellent performance under heavy loads
- Protects equipment from rust
- Does not drip out under running conditions
- Extraordinary performance at high temperatures
- Protects equipments from rusting under humid and water ingress conditions
- **Excellent pumping properties and thus recommended for centralized lubrication systems**

### APPLICATIONS:

**Royal Ultra 865 Grease** is recommended for severe applications in many industries. It is particularly suitable for high speed bearings and centralized lubrication systems.

This grease is recommended for use in automotive as well as extreme pressure applications in construction, mining, agricultural, logging and hauling industries. This product is suitable anywhere where a shear stable, high load carrying, corrosion resistant grease is required.

### SPECIFICATIONS AND APPROVALS:

National Lubricating Grease Institute rating GC-LB

### PACKAGING:

Drums, Pails and Cartridges

**Royal Ultra 865 Grease**  
**High Performance Multipurpose Grease**



**Typical Properties**

Royal Ultra 865 Grease		
Product Number	951 GA	Test Method
NLGI Grade	2	ASTM D217
Viscosity@40°C, cSt	178	ASTM D445
Drop Point, °F	+ 550	ASTM D2265
Worked Penetration@25°C	250-280	ASTM D217
Wheel Bearing Leakage, gm	5.0 max	ASTM D1263
Water Washout @175°F, % wt	3.0	ASTM D1265
Weld Load, kg	620	ASTM D2596
Load Wear Index	65	ASTM D2596
Timken OK Load, lbs	65	ASTM D2509
USS Mobility Test@0°F, gm/min	13.6	USS DM 43
USS Mobility Test@-20°F, gm/min	4.0	USS DM 43
Texture	Smooth, Tacky	Visual
Color	Green	Visual

*Typical Properties are typical of those obtained with normal production tolerance and do not constitute essentially a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.*

**Health and Safety:**

*When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical 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. Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.*