



## Royal Ultra 865 Grease

### *High Performance Multipurpose Grease*

**Royal Ultra 865 Grease** is high performance extreme pressure grease exhibiting outstanding film strength and resistance to corrosive saltwater environments. It is made with premium base oils that provide 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** 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, making this grease to develop outstanding pumpability characteristics where other sulfonate greases fail.

**Royal Ultra 865 Grease** does not contain any of the following harmful additives: antimony, barium, chlorine, lead, copper, graphite, phosphorus, sulfur or zinc. This product is environmentally friendly but is not biodegradable.

#### Product 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 working conditions
- Extraordinary performance at high temperatures
- Protects equipment 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 it is shear stable, high load carrying, corrosion resistant grease is required.



## Typical Properties

### Royal Ultra 865 Grease

Product Number	951GA	951GB	951GC	Test Method
Thickener Type	Calcium Sulfonate Complex			-
Appearance	Smooth			Visual
Color	Green			Visual
NLGI Grade	2	1	0	NLGI
Worked Penetration	265-295	310-340	355-385	ASTM D 217
Drop Point, °F	+ 550	+ 450	+ 430	ASTM D 2265
Base oil viscosity, cSt at 40 °C	220	220	220	ASTM D 445
Wheel bearing leakage, gm	5.0 Max	6.0 Max	-	ASTM D 1263
Rust Test	Pass	Pass	Pass	ASTM D 1743
Water washout @ 175 °F, % wt.	3.0	10.0	-	ASTM D-1264
Weld load, kg	620	500	500	ASTM D 2596
Load Wear Index	65	-	-	ASTM D 2596
Timken OK Load, lb.	65	65	-	ASTM D 2509
<b>USS Mobility Test</b>				
@ 0 °F, gm/min	13.6	-	-	USS DM 43
@ - 20 °F, gm/min	4.0	-	-	

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 Material Safety Data Sheet (MSDS) found on our website.

[www.royalmfg.com](http://www.royalmfg.com) or call (918)-584-2671.

#### Packaging options:



15 oz. Tubes



35 Lb. Pails



120 Lb. Kegs



400 Lb. Drums



2,000 Lb.  
Disposable Totes



50,000 Lb. Bulk