

PRODUCT DATA SHEET

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



PRODUCT DESCRIPTION:

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

Royal Ultra 865 Grease 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.

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 anyplace 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

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Typical Properties

Royal Ultra 865 Grease				
Product Number	951GL	951GB	951GC	Test Method
Thickener Type	Calcium Sulfonate Complex			-
Appearance	Smooth			Visual
Color	Green			Visual
NLGI Grade	2.5	1	0	NLGI
Worked Penetration	250-280	310-340	355-385	ASTM D-217
Drop Point , F	+ 550	+ 450	+ 430	ASTM D 2265
Base oil viscosity, cSt at 40°C	178	178	178	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
USS Mobility Test				
@ 0 °F, gm/min	13.6	-	-	USS DM 43
@ - 20 °F , gm/min	4.0	-	-	

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, 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.