



Royal Ultra 865M

Heavy Duty Moly5 Calcium Sulfonate Grease

Royal Ultra 865M Grease has been carefully formulated using high viscosity base oil and an over based calcium sulfonate complex thickener system fortified with Moly, and special additives providing this grease with outstanding extreme pressure properties, exhibiting excellent water repellency, oxidation resistance, and a wide operating temperature range.

Royal Ultra 865M Grease is formulated with an innovative and synergistic combination of solid lubricants which physically adhere to the metal surfaces and form a strong protective film, preventing welding and reducing friction even under the most severe operating conditions such as heavy shock loads.

Royal Ultra 865 M Grease is a heavy duty extreme pressure grease formulated by using high viscosity oil thus exhibiting outstanding film strength and resistance to corrosive saltwater environments.

Royal Ultra 865M Grease meets and exceeds the demanding automotive and industrial testing requirements of ASTM D 4950, earning it the GC-LB classification by the National Lubricating Grease Institute. This grease also meets Caterpillar CAT 5% MOLY requirements.

Product Features:

- Calcium sulfonate base with Moly
- High viscosity base oil
- Water resistant
- Wide temperature operability
- Superb rust protection properties

Customer Benefits:

- Extended service life of equipment
- Excellent performance under heavy and shock loads
- Extraordinary performance at high and low temperatures
- Protects equipment from rusting under humid and water ingress conditions.

Applications

- Royal Ultra 865M Grease is an obvious choice for virtually any multi-purpose or severe extreme pressure application, particularly where the end user prefers a Moly fortified grease. It is recommended for the most severe applications in off-highway construction, mining equipment, earth moving machines, Caterpillar equipment, as well as other heavy duty construction and mining equipment moving at slow to medium speed.

Typical Properties
Royal Ultra 865 HD Grease

Product #	951TC	951TB	951TA	Test Method
Thickener Type	Calcium Sulfonate Complex	Calcium Sulfonate Complex	Calcium Sulfonate Complex	-
Texture	Smooth	Smooth	Smooth	Visual
Color	Gray, Black	Gray, Black	Gray, Black	Visual
NLGI Grade	0	1	2	ASTM D 217
Worked Penetration @ 25°	355-385	310-340	265-295	ASTM D 217
Drop Point, °F	-	+500	+550	ASTM D 2265
Viscosity@40°C,cSt	461	461	461	ASTM D 445
Viscosity@100°C, cSt	30.2	30.2	30.2	ASTM D 445
Viscosity@100°F, SUS	2474	2474	2474	ASTM D 445
Viscosity@210°F, SUS	148.2	148.2	148.2	ASTM D 445
Wheel Bearing Leakage, gm	4.5	4.5	2.5	ASTM D 1263
Solid Lubricants, %	5.0	5.0	5.0	-
Weld Load, kg	400	500	620	ASTM D 2596
Load Wear Index	-	65	65	ASTM D 2596
Timken OK Load, lbs.	>55	>60	>65	ASTM D 2509