



Royal Multilube EP Greases

Lithium 12 Hydroxy Greases

Royal Multilube EP Greases are outstanding multi-purpose, extreme pressure (EP) lithium 12 hydroxy greases. These high-quality greases are manufactured with superior quality base oils and are fortified with a synergistic combination of performance additives.

Royal Multilube EP Greases has a customized formulation that provides superior anti-friction and film protection under heavy load conditions. These greases are also water resistance and maintaining lubrication in long-life service. These greases offer excellent low temperature pumpability and high temperature protection.

Product Features:

- Lithium 12 hydroxy base with moderate EP properties
- Excellent thermal and oxidation stability
- Good pumpability at low temperatures
- For medium to high speed bearing, dNm factor 500000-600000

Customer Benefits:

- Superior lubrication under severe conditions
- Stays in place in extreme environments to protect components
- Suitable for low temperature applications
- Better rust protection

Applications:

- Highly recommended for chassis, universal joints and wheel bearing applications
- Extended service life in heavy duty automotive, trucks, buses, and farm tractors
- Suitable for a wide range of industrial applications

Typical Properties

Royal Multilube EP Greases						
Product Number	901AD	901AC	901AB	901AA	901AF	Test Method
Color	Amber	Amber	Amber	Amber	Amber	Visual
Texture	Smooth	Smooth	Smooth	Smooth	Smooth	Visual
Thickener	Li-12-Hydroxy Stearate	Li-12-Hydroxy Stearate	Li-12-Hydroxy Stearate	Li-12-Hydroxy Stearate	Li-12-Hydroxy Stearate	-
NLGI Grade	00	0	1	2	3	ASTM D 217
Worked Penetration	400-430	355-385	310-340	265-295	220-250	ASTM D-217
Drop Point, °F	N/A	340 min	340 min	360 min.	360 min	ASTM D 2265
Viscosity @ 40 °C, cSt	157	177	178	182	182	
Viscosity @ 100 °C, cSt	14.7	15.1	15.8	15.4	15.4	ASTM D445
Viscosity @ 100 °F, SUS	831	939	945	963	963	
Viscosity @ 210 °F, SUS	77	80	81	81	81	
Brook Field Visc, Spindle # 4 , RPM 10 , @ 77 °F	-	-	-	-	-	-
Weld load, kg & LWI	250/50	250/50	250/50	250/50	250/50	ASTM D 2596
Timken OK load , lbs	45	45	45	45	45	ASTM D 2509
Steel Mobility @ 0 °F	-	-	-	7.4 g/m	-	
@ -40 °F	-	-	-	0.1 g/m	-	

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 or call (918)-584-2671.

Packaging options:



15oz. Cartridges



35 Lb. Pails



120 Lb. Kegs



400 Lb. Drums



2,000 Lb. Disposable Totes



50,000 Lb. Bulk

