



Royal 760 Polyplate EP Greases

Lithium 12 Hydroxy Greases

Royal 760 Polyplate 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 760 Polyplate 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.

Royal 760 Polyplate EP Greases can also be applied in industrial machinery where poly-lithium EP grease is specified.

Product Features:

- Lithium 12 hydroxy base with EP properties
- Excellent thermal and oxidation stability
- Good pumpability at low temperatures
- Tacky and provides excellent film formation on lubrication site
- For medium to high speed bearing, dNm factor 400000-450000

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 760 Polyplate EP Greases						
Product Number	9080RE	9080RD	9080RC	9080RB	9080RA	Test Method
Color	Red	Red	Red	Red	Red	Visual
Texture	Smooth, Tacky	Smooth, Tacky	Smooth, Tacky	Smooth, Tacky	Smooth, Tacky	Visual
Thickener	Li-12-Hydroxy Stearate	Li-12-Hydroxy Stearate	Li-12-Hydroxy Stearate	Li-12-Hydroxy Stearate	Li-12-Hydroxy Stearate	-
NLGI Grade	000	00	0	1	2	ASTM D 217
Worked Penetration	470	420	375	325	280	ASTM D-217
Drop Point, °F	N/A	N/A	360 min	360 min	360 min.	ASTM D 2265
Viscosity @ 40 °C, cSt	104	157	177	178	182	ASTM D445
Viscosity @ 100 °C, cSt	10.8	14.7	15.1	15.8	15.4	
Viscosity @ 100 °F, SUS	545	831	939	945	963	
Viscosity @ 210 °F, SUS	63	77	80	81	81	
Brook Field Visc, Spindle # 4 , RPM 10 , @ 77 °F	15000- 20000 CPS	-	-	-	-	-
Weld load, kg & LWI	-	250/50	250/50	250/50	250/50	ASTM D 2596
Timken OK load , lbs	-	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

