

## LITHIUM EP SERIES

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### Premium Lithium EP Greases

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

**BRAUTEK LITHIUM 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.

**BRAUTEK LITHIUM EP Greases** can also be applied in industrial machinery where 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

Brautek Lithium EP Greases						
Product Number	908RE	908RD	908RC	908RB	908RA	Test Method
<b>Color</b>	Amber/Brown	Amber/Brown	Amber/Brown	Amber/Brown	Amber/Brown	Visual
<b>Texture</b>	Smooth, Tacky	Smooth, Tacky	Smooth, Tacky	Smooth, Tacky	Smooth, Tacky	Visual
<b>Thickener</b>	Li-12-Hydroxy Stearate	Li-12-Hydroxy Stearate	Li-12-Hydroxy Stearate	Li-12-Hydroxy Stearate	Li-12-Hydroxy Stearate	-
<b>NLGI Grade</b>	000	00	0	1	2	ASTM D 217
<b>Worked Penetration</b>	470	420	375	325	280	ASTM D-217
<b>Drop Point, °C</b>	N/A	N/A	200 min	200 min	200 min.	ASTM D 2265
<b>Viscosity @ 40 °C, cSt</b>	104	157	177	178	220	
<b>Viscosity @ 100 °C, cSt</b>	10.8	14.7	15.1	15.8	19.4	ASTM D445
<b>Viscosity @ 100 °F, SUS</b>	545	831	939	945	1194	
<b>Viscosity @ 210 °F, SUS</b>	63	77	80	81	94	
<b>Brook Field Visc, Spindle # 4 , RPM 10 , @ 77 °F</b>	15000- 20000 CPS	-	-	-	-	-
<b>Weld load, kg &amp; LWI</b>	-	250/50	250/50	250/50	250/50	ASTM D 2596
<b>Timken OK load , lbs</b>	-	45	45	45	45	ASTM D 2509
<b>Steel Mobility @ 0° F</b>	-	-	-	-	7.4 g/m	
<b>@ -40° F</b>	-	-	-	-	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.brautek.com](http://www.brautek.com).