

PRODUCT DATA SHEET

Royal Multilube EP Greases Multipurpose EP Grease



PRODUCT DESCRIPTION:

Royal Multilube EP Greases are outstanding multi-purpose, extreme pressure (EP) lithium 12 hydroxy grease. 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 customized formulation provides superior anti-friction, film protection under heavy load protection, water resistance, and maintaining lubrication in long-life service. These greases also offer excellent low temperature pumpability and high temperature protection. These greases can also be applied in industrial machinery where poly-lithium EP grease is specified.

KEY FEATURES:

- Lithium 12 hydroxy base with EP properties
- Excellent thermal and oxidation stability
- Good pumpability at low temperatures
- Tacky and better film formation on lubrication site

CUSTOMER BENEFITS:

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

PACKAGING:

Drums, Pails and Cartridges

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

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Typical Properties

Royal Multilube EP Greases						
Product Number	901AE	901AD	901AC	901AB	901AA	Test Method
Color	Amber	Amber	Amber	Amber	Amber	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.	
Viscosity @ 40 C ,cSt	104	157	177	178	182	
Viscosity @ 100 C ,cSt	10.8	14.7	15.1	15.8	15.4	
Viscosity @ 100 F ,SUS	545	831	939	945	963	ASTM D445
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

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.