

# TECHNICAL DATA SHEET

## QUAKERTEK™ LX 4615-EP LITHIUM COMPLEX GREASE

QUAKERTEK™ LX 4615-EP is a premium lithium complex lubricating grease formulated with the highest quality base oils to ensure maximum performance under a broad range of applications.

### Applications

QUAKERTEK™ LX 4615-EP has proven to be extremely effective at water resistance especially in areas where water washout is a major concern. Of equal importance is the fact that QUAKERTEK™ LX 4615-EP has a minimum dropping point of 500°F/ 260°C allowing it to perform well at high temperatures.

### Health, Safety and Handling

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control - we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.

QUAKERTEK™ LX 4615-EP is available in 35 lbs/16 kg pails, 120 lbs/55 kg kegs, 400 lbs/180 kg drums and bulk quantities.

If the following criteria are adhered to, the product can be stored for at 24 months. Recommended long-term storage temperature range: 0-40°C/ 32-104°F. Keep containers/ drums tightly closed when not in use and store in a dry and well-ventilated area.

### Benefits

- High water resistance and lubricating film strength
- High temperature stability
- High oxidation resistance
- Very good corrosion protection

### Properties

PROPERTY	TYPICAL VALUE	UNIT
Appearance	Smooth, Dark	
NLGI Grade	1.5	
Worked Penetration, 60 Strokes (D217)	290 - 320	
Oil Separation (D1742)	1.2%	
Water Washout at 175°F/ 79.4°C (D1264)	4.8% loss	
Dropping Point (ASTM D 2265)	265 / >510	°C/°F
Water Spray-Off (D4049)	34% Loss	
Base Fluid Viscosity (D445) at 40°C	460	cSt
at 100°C	30.4	
Base Fluid Viscosity Index (D2270)	95	
Copper Corrosion (D4048)	1b	
Corrosion Protection (D1743)	Pass	
4-Ball Wear Scar. Dia (D2266)	0.43	mm
4-Ball Weld (D2596)	400	kg
Timken OK Value (D2509)	20	kg
Oxidation Stability psi Drop (D942)	10	

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