



WIRE DRAWING GREASES

Ferrous and Nonferrous

RichardsApex Bright Wire Greases are designed to provide the industry with the lubricants needed to produce the variety of grease drawn products made today. Using the finest quality raw materials and the best of proven production techniques, RichardsApex has developed consistently reliable products to handle all grease drawing applications.

Some operator adjustments with the product you choose may be necessary to accommodate actual mill conditions. Various functions within the wire drawing operation may have to be changed to maximize performance with any given grease; variations such as speed, rolling consistency, and rod coating weight are typical examples.

Lime has been found to be the most suitable coating for grease drawn bright finishes on carbon steel stock. However, it may be necessary to vary the weight of the lime coating to obtain the best balance between bright surface finish, die life, speed, and cleanliness. In fact, mixing lime with the grease in the die box may be helpful, or even necessary, depending on the number of reductions and finish required.

With lime coated rod continually running through a die box, the grease eventually becomes contaminated with excess lime and tends to stiffen. At this point, it is often advisable to cut the grease with a small amount of oil or water to regain a good rolling consistency, and periodically the die box should be cleaned out entirely, and the compound replaced.

Whatever your application, by using the attached chart and the knowledge of your RichardsApex representative, you will be able to select the proper grease to draw your particular finished product in the manner you wish.

The standard package for all greases is a 55 gallon, non-returnable, steel drum, and all greases are sold by the pound.



Uses and Specifications

	D633MWM	KMH	KMH2SPEC	LW31D	PBSR	LW31SGE
Typical Usage	Descaled Low Carbon Plating Quality	Low Carbon Plating Quality	Low Carbon Plating Quality	Carbon Steel or Nonferrous	Copper Rods or Shapes	All Nonferrous
Physical form	Stiff Grease	Soft Grease	Soft Grease	Soft Grease	Creamy Paste	Soft Grease
Color	Tan	Tan	Black	Off-White	White	Off-White
Pigmented	X		X	X		X
Oil Thinable				X		X
Water Thinable	X	X	X		X	X
Single Hole	X	X	X	X	X	X
Multiple Hole					X	X
Coating Used	None	Light Lime	Light Lime	None or Lime	None	None
Usage	As rec'd H2O Cut	As rec'd H2O Cut	As rec'd H2O Cut	As rec'd Oil Cut	As rec'd Water Cut	As rec'd Water/Oil Cut
Density	8.75 lbs/gal 1.05 kg/L	7.79 lbs/gal 0.93 kg/L	7.72 lbs/gal 0.926 kg/L	14.14 lbs/gal 1.70 kg/L	7.92 lbs/gal 0.95 kg/L	14.14 lbs/gal 1.70 kg/L
Features	Bright Clean Finish	Extra Clean Bright Finish	Eliminate Barber Pole Effect Often Seen On Straightened and Cut Stock	Maximum Die Life Oil Drawn Finish	Brightest Cleanest Finish	Maximum Die Life Oil Drawn Finish