

## PRODUCT DATA SHEET

# Royal Curve Rail Grease

*Grease for Curve rails*



### PRODUCT DESCRIPTION:

**Royal Curve Rail Grease** is Lithium-12 based grease fortified with finest quality graphite and proprietary additives so as to meet the design specifications for use in the railroad industry as a rail-flange lubricant. This grease is especially engineered for rail applications with proven performance.

**Royal Curve Rail Grease** is available in NLGI # 1 and 00 consistencies.

### KEY FEATURES:

- Provides maximum slumpability in mechanical curve lubricators
- A minimum amount is required for proper rail protection, resulting in less wheel slippage, lower grease and waste costs
- Excellent load carrying properties
- Tacky and better film formation on lubrication site

### CUSTOMER BENEFITS:

- Superior lubrication under extreme conditions
- Stays in place in extreme environment to protect your components
- Will withstand severe shocks and vibrations
- Better rust protection
- Excellent water washout characteristics
- Extends life of equipment

### APPLICATIONS:

- Designed for Curve rails and other applications in railroads.

### PACKAGING:

Totes, Drums, Pails

## PRODUCT DATA SHEET

### Royal Curve Rail Grease Grease for Curve rails



### Typical Properties

Royal Curve Rail Grease			
Product Number	901SB	901SD	Test Method
Color	Black	Black	Visual
Texture	Smooth	Smooth	Visual
Thickener	Li-12-Hydroxy Stearate	Li-12-Hydroxy Stearate	ASTM D 217
NLGI Grade	1	00	ASTM D-217
Worked Penetration	330	420	
Drop Point , ° F	N/A	N/A	ASTM D 2265
Viscosity @ 40 C ,cSt	145	145	
Viscosity @ 100 C ,cSt	13	13	
Viscosity @ 100 F ,SUS	800	800	ASTM D 445
Viscosity @ 210 F ,SUS	70	70	
Oil Separation , % wt	0.5	N/A	ASTM D 6184
Fillers / Graphite , %	11	11	-

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](http://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.