



TECHNICAL DATA

RAIL CURVE NO.2 GREASE

Rail Curve & Wheel Flange Lubricant

Description

Rail Curve No.2 Grease is a superior grease lubricant designed to prevent wear on both track and wheel flanges when curved track sections are encountered.

Rail Curve No.2 Grease contains lubricious solid graphite dispersed in highly refined mineral oil, providing very low friction and high load carrying capacity. It has a working temperature range from -10° to 150°C .

Rail Curve No.2 Grease has a higher consistency than the standard "**Rail Curve Grease**" making it suitable for extreme ambient temperatures and where a thicker grease film is preferred.

Areas of application

- The wheel flange/rail gauge face contact area on tangent or curved track

Features

- Extends the life of rail tracks
- Extends the life of wheel flanges
- Reduces rolling friction between tracks and wheels – reduces fuel consumption
- Reduces "hunting" as the contact time is reduced
- Reduces maintenance as wear of tracks and wheel flanges are reduced
- Reduces noise in tight curves

The information contained in this Technical Bulletin is as up to date and correct as possible as at the time of issue. The data provided should be used as a guide only as the performance of the product will vary depending on differing operating conditions and application methods.

The sale of any product described in this Technical Bulletin will be in accordance with ITW Polymers & Fluids Conditions Of Sale, a copy of which is available on request. To the extent permitted by law, ITW Polymers & Fluids excludes all other warranties in relation to this product.

Technical data

	Test Method	
Appearance.....	Greyish black grease	
Lubricating Solids.....	Graphite	
Thickener	Lithium	
NLGI Classification.....	2	
Base Oil	Mineral Oil (Solvent refined)	
Base Oil Viscosity at 40°C (cst)	150	ASTM D445
Specific Gravity	0.9	
Drop Point (°C).....	190	ASTM D-566 (IP132)
'4 Ball'		
Weld Load (kg).....	550	ASTM D2596 (IP239)
Flash Point.....	>200°C	ASTM 92
Flammability.....	Non Flammable	
Consistency	265 – 295 mm ⁻¹	ASTM D217
Temperature Range (continuous)	-10°C to 150°C	

Directions for use

Rail Curve No.2 Grease is designed to be applied by most common trackside lubricators.

Storage and Shelf Life

Store in dry conditions between 10°C and 30°C, away from sources of heat and naked flames. Protect from frost. When stored in original sealed containers, the minimum shelf life is two years.

Packaging

Rail Curve No.2 Grease is available in 20 Kg Plastic Pail unlined and 180 Kg Steel Drums.

Ordering Information:

20 kg Plastic Pail Unlined	#RY412189
180 Kg Steel Drum	#RY412192

Health & Safety Information

The product is hazardous according to Worksafe Australia criteria. A Material Safety Data Sheet is available from the ITW Polymers & Fluids Technical Department upon request or available on our website www.rocol.com.au.

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