

# RAIL

High performance, eco friendly  
curved rail lubricant  
*Innovating for tomorrow*



## TECHNICAL DATA SHEET

Quality Standards:  
ISO 9001:2015  
ISO 14001: 2015  
Issue Date—July 2018  
Revision—01

## CLARETECH SUPREME

High performance biodegradable curve rail grease for trackside lubricators.  
Meets Network Rail Specification NR/L3/3530/A01  
NLGI 1.5

### Applications

For use in all makes of trackside curved rail lubricators, where there is a requirement for high performance on the rails, combined with biodegradability and low toxicity.

Can be used to lubricate and protect curved rails, check rails and switchblades.

### Features and Benefits

- Excellent wear protection to maximise the life of the curved rails
- Contains extreme pressure additives to further reduce wear
- Highly adhesive—excellent carry down performance
- Excellent corrosion protection properties to reduce corrosion defects
- Excellent water wash off performance—ideal in high rain/monsoon conditions
- Oxidation stable—does not dry or stiffen to block lubricators and GDU ports

### Typical Characteristics

Appearance	Visual	Homogeneous
Colour	Visual	Beige
Thickener Type		Soap
Temperature Range		-15°C to 120°C
Worked Penetration	IP 50	280—300
Drop Point	IP 396	180°C
Oil Separation (40°C, 168hrs)	IP 121	<4%
4-Ball Wear Scar	IP 239	0.6mm
4-Ball Weld Load	IP 239	500kg
Emcor Corrosion (distilled water)	IP 220	0,0
Copper Corrosion (100°C, 24hrs)	IP 122	1a
Water Spray Off	ASTM D4049	36%
Water Wash Out	ASTM D1264	3.5%
Biodegradable	OECD 301B	PASS

### Base Oil Characteristics

Type		Synthetic Blend
Kinematic Viscosity (40°C)	ASTM D445	95cSt
Flash Point	IP 34	>300°C



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