

# RAIL

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



## TECHNICAL DATA SHEET

Quality Standards:  
ISO 9001:2015  
ISO 14001: 2015  
Issue Date—May 2021  
Revision—01

### CLARETECH ECOCURVE ON-BOARD 000 HS

High performance environmentally sensitive wheel flange grease for on-board spray equipment on high speed rail  
NLGI 000

#### Applications

For use in on-board wheel flange lubricators wherever there is a requirement for a high performance and environmentally friendly products. Specifically targeted at high speed rail applications due to its impressive low fling off performance.

#### Features and Benefits

- Clean stable gel ensures retention on the wheel flange.
- Extremely low fling off properties so ideal for high speed rail applications.
- Contains solid additives to improve extreme pressure capabilities.
- Consistent spray pattern and volume across the full temperature range (-40°C - 80°C)
- Excellent wear protection and extreme pressure properties in high load conditions, prolonging the life of the wheels and rails.
- Excellent corrosion protection.
- EAL compliant and is formulated to meet the requirements for the European Ecolabel which is the most recognised and demanding environmental standard for a lubricant.
- RS Clare's EcoCurve range incorporates breakthrough nanotechnology at the molecular level to increase stability, consistency and performance whilst minimising the needs for harmful chemical additives.

#### Typical Characteristics

Appearance	Visual	Fluid
Colour*	Visual	Black
Thickener Type		Complex
Temperature Range		-40°C to 80°C
Unworked Penetration	IP 50	445-475
4 Ball Wear Scar	IP 239	0.5mm
4 Ball Weld Load	IP 239	355kg
Copper Corrosion (100°C, 24hrs)	IP 122	1a

#### Base Oil Characteristics

Type		Ester
Kinematic Viscosity (40°C)		200cSt
Flash Point	IP 34	220°C
Pour Point	IP 15	-30°C
USA Environmentally Acceptable Lubricant		Yes



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