

RAIL

Advanced Railway Friction Management Solutions

Innovating for tomorrow



TECHNICAL DATA SHEET

Quality Standards:
ISO 9001:2015
ISO 14001: 2015
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ClareTech EcoCurve Onboard 00 M

High performance environmentally sensitive wheel flange grease for on-board spray equipment for metro and commuter rail <130kmh
NLGI 00

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 metro and commuter rail applications with a speed up to 130kmh.

Features and Benefits

- Clean stable gel ensures retention on the wheel flange.
- For speeds up to 130kmh.
- Extremely low fling off properties.
- Contains solid additives to improve extreme pressure capabilities.
- Excellent wear protection and extreme pressure properties in high load conditions, prolonging the life of the wheels and rails.
- Excellent corrosion protection.
- Approved by the European Ecolabel, the most recognised and demanding environmental standard for a lubricant also aligning with EAL compliance.
- 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	400-430
4 Ball Wear Scar	IP 239	0.6mm
4 Ball Weld Load	IP 239	315kg
Copper Corrosion (100°C, 24hrs)	IP 122	1a
Water Resistance (40°C)	DIN 51801	0

Base Oil Characteristics

Type		Ester
Flash Point	IP 34	250°C
Pour Point	IP 15	-40°C

Additional Notes

Packaging for this product is 50% PCR, meeting the full requirements for the Ecolabel accreditation.

RS Clare advises against double stacking this product.



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