



Description

- It is a rapidly biodegradable synthetic lubricating grease specially developed for fixed rail flange lubrication systems.
- Provides excellent lubrication between rail and wheel flanges in railway systems, thus reducing wear and noise

Benefits

- **Biodegradable:** It is an environmentally friendly product, it dissolves quickly in nature and does not harm the environment.
- **High Wear Protection:** Minimizes wear between the rail and wheel flanges, which extends system life.
- **Noise Reduction:** Minimizes noise by reducing friction between wheel and rail.
- **Long Lubrication Intervals:** The product's high performance enables longer lubrication intervals, which reduces maintenance costs.
- **High Temperature Resistance:** Provides effective lubrication over a wide temperature range.
- **Water Resistant:** Resistant to water and other environmental influences, which does not adversely affect lubrication performance.

Application

- It is especially designed for railway applications. Below are the main application areas of the product:
- Rail Bends: Ideal for flange lubrication, especially at rail bends.
- Railway Wheels: Used for lubrication of wheel flanges.
- Fixed Lubrication Systems: Suitable for use in automatic and fixed lubrication systems.
- Urban Railway Systems: Widely used in urban railway systems such as metro and tram lines.

Notes



Bio Synthetic Rail Flange Lubricating Grease

CHARACTERISTICS

PROPERTY (Unit)		METHOD
Base Oil	Synthetic	-
Colour	Amber	-
Viscosity @ 40°C (mm²/s)	460	DIN 51 562
Viscosity @ 100°C (mm²/s)	5.9	DIN 51 562
Viscosity Index	high	DIN ISO 2909
Flash point, °C	> 200°C	DIN ISO 2592
Pour point, °C	-30°C	DIN ISO 3016

Notes

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