

Railube Bio Flange Oil SG7

Railube Bio Flange Oil SG7 is a synthetic ester structured lubricating liquid grease formulated with special additives, graphite and biodegradable special ester base oils for the lubrication of flange.

Usage

Railube Bio Flange Oil SG7 is used as a lubricant to reduce friction and thus wear between rail and wheel flanges.

Features

Low Wear Costs: Provides significant reductions in wheel and rail wear, and improved vehicle safety is ensured by high adhesion and low friction.

Easy Application: Provides an efficient spray system onto wheel flanges.

High Protection Performance: Extends the lifespan of wheels and rails. It does not lose its performance regardless of climate and operating conditions. It is insoluble in water and cannot be removed from the surface it adheres to by washing with water.

Technical Specifications

Appearance, Color	Visual	Semi fluid - Black
NILGI	DIN 51818	000
Operating Temperature, °C	-	-30/+80
Base Oil Viscosity @40 °C, cSt	DIN 51562	min. 20
Worked Penetration, mm–¹	DIN ISO 2137	445-480
Base Oil Type	-	Biodegradable Synthetic Ester
Thickener	DIN 51502	Inorganic
Biodegradability	OECD 301	In 28 Days>50%
Water Resistance	DIN 51807 T1	1-90
4 Ball Overpressure Welding Load, N, min.	DIN 51350/4	1000
4 Ball Bearing Wear Marks, 300 N/1h, mm, max.	DIN 51350/5	1,1
Amount of solid lubricant by weight (%), min.	-	3
Solid lubricant (graphite) particle size: Microns, max.	-	20

Revision Number

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