



OPUS LUBRICANTS PRODUCT DATA

A BLEND

Description

This specification covers a general calcium based semi-fluid grease, inhibited against corrosion and oxidation. Specifically designed for the lubrication of braking systems used in the railway industry. The assemblies for which this grease has been specified should operate satisfactorily in the temperature range -35°C to +60°C. This product is approved by Westinghouse Brakes Limited and conforms to British Railways Catalogue No. 27/4332

Benefits

- High degree of water resistance
- Excellent corrosion protection
- Good anti-wear properties

Application

A BLEND can be applied manually as recommended by the equipment manufacturer. As with all greases used for the first time, check compatibility with the grease applied previously and if necessary purge bearings prior to application. Likewise, as a general rule, take care not to over-lubricate and apply the quantity of grease recommended by the bearing manufacturer

Typical Data

Appearance	-	Smooth fluid grease
Colour	-	Brown
NLGI classification	-	0/00
Thickener	-	Calcium 12 hydroxy stearate
Base oil	-	Highly refined mineral oil blend
Penetration (IP50) (ASTM D217)	-	385 to 415
Freezing point (557 Apparatus) °C	-	-65
Closed flash point base oil (ASTM D93) °C	-	164
Effect on mild steel, aluminium, alloys, casting brass, and commercial copper	-	No corrosion
Compatibility with nitrile rubber	-	Compatible
Operating temperature range	-	-35°C to +60°C

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