



PRODUCT DATA SHEET



Product No	5819
Issue No.	2
Issue Date	05/03/15

PRODUCT NAME/VISCOSITIES:

PBL

DESCRIPTION:

PBL is a lithium thickened tenacious grease designed for heavy duty applications where adhesion, shock loading and good corrosion protection is required.

APPLICATION:

Use as received applied by hand or grease guns. Ideal for use on 5th wheel applications on articulated vehicles, bucket pins and bushes on heavy earth moving equipment and crane slews. The presence of solid lubricant will fill rough or damaged metal surfaces and distribute load evenly, preventing further wear.

Note: PBL is not recommended for use on anti-friction, rolling element bearings.

USER BENEFITS:

- High load carrying capability.
- Tenacious consistency.
- Resistant to water.
- Rust and oxidation inhibitors promote longer component and product life.

TYPICAL CHARACTERISTICS:

Appearance	Grey/Black, Smooth Adhesive Grease
NLGI Classification	2.5
Thickener	Lithium Soap
Solid Lubricant	MoS ₂ and Graphite
Base Oil	Mineral Oil
Base Oil Viscosity @40°C	180cSt
Worked Penetration (IP50)	265 to 295
Drop Point (IP132)°C	185 minimum
Copper Corrosion (IP112)	Pass
Emcor (IP 220) Corrosion Test	0 : 0
Four Ball Weld Load (IP239)	700
Operating Temperature Range °C	-20 to +140

HEALTH AND SAFETY:

Health and Safety Data Sheet 5819 applies to this product. When used for the purpose recommended and with due regard to the appropriate Health and Safety Data, the product should cause no concern. If in doubt, consult with Millers Oils Technical Department.

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