

The PulsarLube logo features the brand name in a bold, blue, sans-serif font. A small yellow oil drop icon is positioned below the letter 'A'.A detailed view of an industrial ice cream production line. Multiple stainless steel dispensing nozzles are shown in the foreground, each extruding a thick, white stream of soft-serve ice cream into a golden-brown, waffle-patterned cone. The cones are arranged in a neat row on a white conveyor belt. In the background, more machinery and a chain of rollers are visible, suggesting a continuous production process.

PL4

FOOD GRADE

PL4 GREASE

PL4 grease is an incidental food contact grease made with 100% PAO synthetic base oil and calcium sulfonate complex thickener. Designed to meet many global performance and cultural requirements as NSF H1, Kosher and Halal. PL4 grease provides excellent lubrication for a variety of light-to-medium duty uses, and is appropriate for GC-LB applications. It also provides protection from corrosion while equipment is idle or in storage.

01.
Food & Beverage



02.
Bottling Plants



03.
Pharmaceutical



04.
Waterworks



01 Product Description (Benefits)

- Environmentally friendly formulation contains no antimony, barium, chlorine, phosphorus, zinc or free sulfur
- Inherent protection from rust and corrosion
- Superior water washout and spray off
- Registered : NSF H1
- Wide service temperature (-40°C ~ 200°C)
- PAO + Calcium sulfonate Complex, White

02 Application Part

- Automatic grease lubricator
- General chassis lubrication, for equipment where incidental food contact or human contact is expected
- Conveyor bearings and enclosed gears in high humidity food processing environments
- Packaging equipment in beverage processing facilities such as dairies, breweries, and bottling plants
- Meat processing plants, canneries, dairies, breweries carton & packaging equipment, food processing & handling equipment, bottling plants

03 Product Data

Test item	Unit	Test method	Result
NLGI # Grade	Grade	ASTM D 217	2
Base Oil Viscosity, 40°C	cSt	ASTM D 445	220
Worked Penetration	0.1mm	ASTM D 217	265 ~ 295
Dropping Point	°C	ASTM D 2265	> 316
Water Washout	wt% Loss	ASTM D 1264	< 1
Oil Separation	wt%	ASTM D 1742	< 0.5
Copper Strip Corrosion	Grade	ASTM D 4048	1b
4Ball Extreme Pressure Properties	kgf	ASTM D 2596	50

Note : The above data constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field test with the product selected for a specific application

04 Suggestion of Using

Spatula, brush, lever grease guns and automatic lubricating systems

※ Storage : Approx. 12 months if the product is stored in the original closed container in a dry place

PULSARLUBE



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