

The Pulsarlube logo consists of the brand name in a bold, blue, sans-serif font. A small yellow oil drop icon is positioned below the letter 'A'.A detailed photograph of an ice cream production line. In the foreground, a white conveyor belt carries several golden-brown wafer cones. Above the belt, a series of stainless steel dispensing nozzles are shown in the process of filling the cones with a thick, white ice cream mixture. The background shows more industrial machinery, including a large metal tank and various pipes, all set in a clean, industrial environment.

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. PL4 grease provides excellent lubrication for a variety of light-to-medium duty uses, and excellent corrosion protection, and superior water spray off properties. PL4 ensures better performance than many other incidental food contact greases available on the market place today.

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 : Recommend using within a year if the product is stored in the original closed container in a dry place

