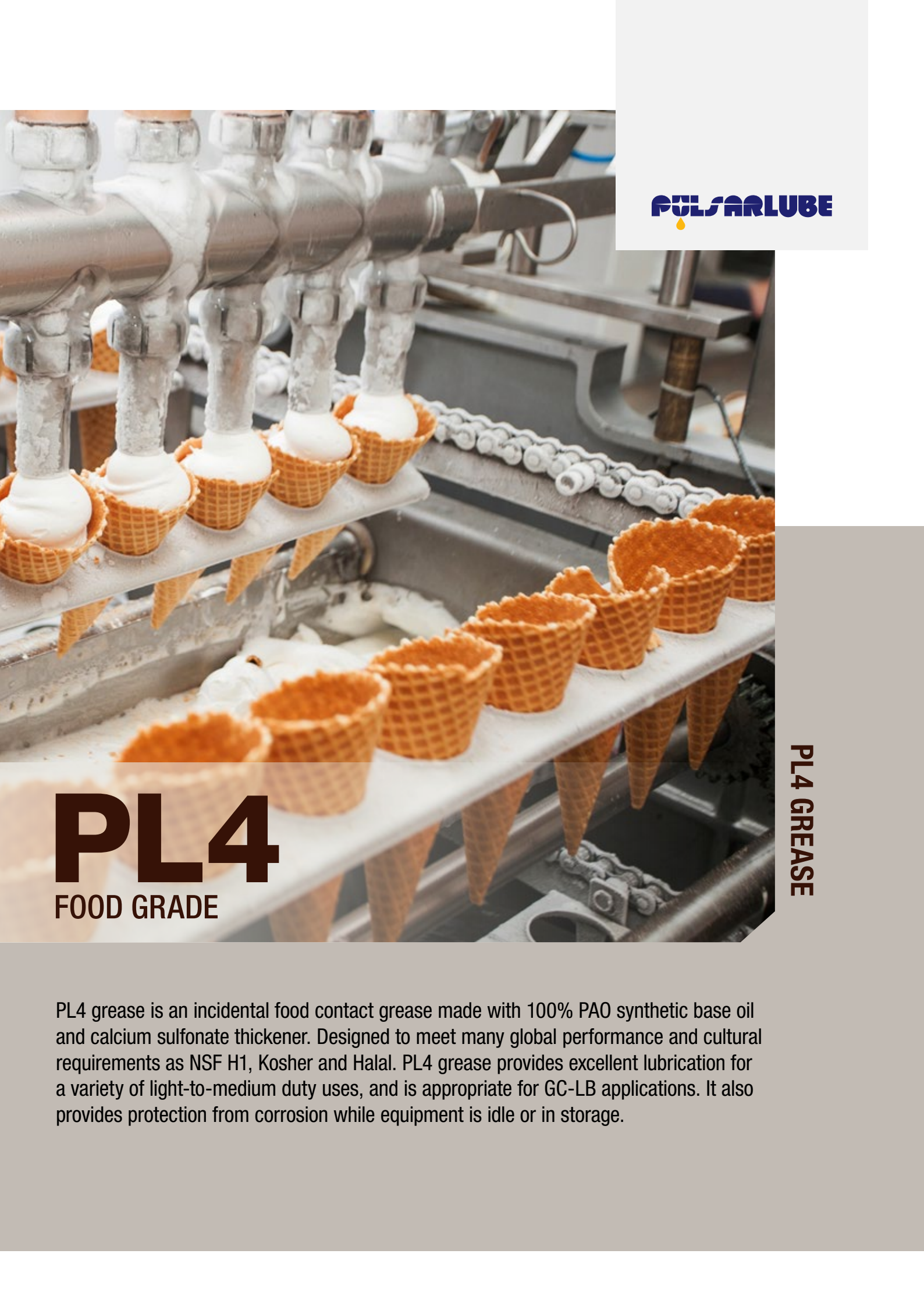


A detailed photograph of an ice cream production line. In the foreground, several waffle cones are being filled with white ice cream from a series of metal nozzles. The cones are arranged on a conveyor belt. In the background, more machinery and a chain are visible, suggesting a large-scale industrial setting.

PULSARLUBE

PL4

FOOD GRADE

PL4 GREASE

PL4 grease is an incidental food contact grease made with 100% PAO synthetic base oil and calcium sulfonate 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, Kosher and Halal
- Wide service temperature (-40°C ~ 200°C)
- PAO + Calcium sulfonate, Off-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
- Farm equipment used in the maintaining and harvesting of crops

03 Product Data

Test item	Unit	Test method	Result
NLGI # Grade	Grade	ASTM D217	2
Base Oil Viscosity, 40°C	cSt	ASTM D 445	100
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

