

CLARION® FOOD MACHINERY
GREASE, NO. 2



Date 1/09

DESCRIPTION: Clarion Food Machinery Grease, No. 2 effectively lubricates most machinery used to manufacture, process, package and store food products. It is not suited for the high temperatures of steam flow canning. The approximate temperature range of this NLGI No. 2 grease is 0 to 275°F (-18 to +135°C). Clarion Food Machinery Grease, No. 2 is very resistant to water washout and is water insoluble. The texture is smooth, buttery, and adhesive. The grease has a neutral mild petroleum odor and the color is clear with a slight cloud. No pigments are used and therefore, the grease is non-staining.

QUALITIES: Neutral mild petroleum odor, nonstaining and nonpigmented. Mineral oil is Food Grade White Mineral Oil in accordance with 21 CFR 172.878 and 178.3620(a). Very resistant to water washout and water insoluble. Finished product is in accordance with 21 CFR 178.3570 "Lubricants with incidental food contact."

APPLICATIONS: Food processing and packaging machinery where there is a possibility of incidental contact.

CLASSIFICATION: **NSF H1 Registered**
Listed in "List of Proprietary Substances and Nonfood Compounds - Authorized for use under USDA Inspection and Grading Programs."

NSF H1 - Lubricants with incidental contact (Definition)

"These compounds may be used as a lubricant or antirust film on equipment and machine parts in locations in which there is exposure of the lubricated part to edible products. They may also be used as a release agent on gaskets or seals of tank closures. The amount used should be the minimum required to accomplish the desired technical effect on the equipment. If used as an antirust film, the compound must be removed from the equipment surface by washing or wiping as required to leave the surface effectively free of any substance which could be transferred to food being processed."

TYPICAL PROPERTIES:

CLARION® FOOD MACHINERY GREASE, NO. 2

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| NLGI Consistency Number | 2 |
| Material Code | 655699009 |
| Thickener | Anhydrous Calcium Soap |
| Texture | Smooth, Buttery, Adhesive |
| Fillers | None |
| Color, Observed | Clear with Slight Cloud (May have slight yellow cast after storage) |
| Worked 60 Penetration, ASTM D-217 | 265-295 |
| Dropping Point, ASTM D-566, °F (°C) | 290 (143) |
| Water Washout, ASTM D-1264, % loss at 100°F | 2.4 |
| Oil Separation, ASTM D-1742, % loss | 3.6 |
| Approximate Application Temperature Range, °F (°C) | 0 to 275 (-18 to 135) |
| Base Fluid Viscosities, at 100°F, cSt (SUS) | 194 (899) |
| Viscosity Index | 140 |