

CLARION® PM Hi-Temp Food Machinery 100 Greases



OVERVIEW



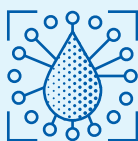
- Specifically blended for grease lubrication of machinery used in the food industry.
- Designed for high temperatures and extreme pressure (EP).
- Excellent water resistance and effective resistance to corrosion, even in the presence of water.

FEATURES & BENEFITS



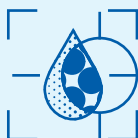
- Superior Four-Ball EP and anti-wear.
- Excellent rust protection.
- High dropping point and oxidation-inhibited for high-temperature use.
- Excellent sealing properties and resistance to water washout.
- Finished products meet the requirements of U.S. FDA regulation 21 CFR 178.3570 for incidental food contact.
- NSF H1 registered for use in food processing plants under the jurisdiction of the USDA.

APPLICATIONS



- Rolling element and plain bearings.
- Automatic and centralized lubrication systems.
- Animal feed pellet mills.

PROPERTIES



Typical Properties for CLARION PM Hi-Temp Food Machinery 100 Greases:

NLGI No.	1	2
Material Code	655721009	655722009
Thickener Type	Aluminum Complex	Aluminum Complex
Texture	Smooth, Tacky	Smooth, Tacky
Color, Observed	White to Off-White	White to Off-White
Worked Penetration, ASTM D217	310-340	265-295
Dropping Point, ASTM D566, °F (°C)	450	500
Rust Prevention, ASTM D1743, rating	Pass	Pass
Copper Corrosion, ASTM D4048, rating	1a	1a
Four-Ball Wear, ASTM D2266, mm	0.48	0.48
Four-Ball EP Weld, ASTM D2596, kgf	400	400
Approximate Temperature Range, °F (°C)	-5 to 350 (-21 to 177)	15 to 350 (-9 to 177)
Modified Stability Test	6% Change	6% Change
NSF Registered (Registration Number)	H1 (144584)	H1 (144585)

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