



# ATLANTIC FOOD GRADE GREASE MP3

(ALSO AVAILABLE IN NLGI 000, 00, 0, 1 & 2)

## DESCRIPTION & APPLICATIONS

Atlantic food Grade Multi-Purpose Grease is a tenacious, NLGI 3 white grease providing superior lubrication and durability in food production and processing applications. It resists throw-off, shear breakdown as well as water and detergent wash out. It will not pound out of bearings and bushings during shock loads. Food grade grease is a specialized lubricant designed for use in food processing environments, where there is a potential for incidental contact with food products. It is formulated with non-toxic, safe ingredients that meet stringent regulatory standards, such as those set by the FDA and NSF. Food grade grease is used to lubricate machinery, equipment, and components that operate under various conditions in food and beverage production, including mixers, conveyors, ovens, and packaging machines. Its primary function is to reduce friction, prevent wear, and ensure the smooth operation of equipment, while maintaining hygiene and safety standards.

It has widespread application in the food industry, especially in bakeries, dairies, meat and poultry processing plants, breweries, and packaging facilities. This makes it crucial in industries that must adhere to strict food safety and cleanliness standards.

## PERFORMANCE FEATURES AND BENEFITS

- High temperature resistance
- Water washout resistance
- Excellent anti-wear properties.
- Can withstand both high and low temperatures
- Resistant to water and humidity
- More resistant to rust and corrosion

## TYPICAL CHARACTERISTICS

| PRODUCT CODE:                                                  | AGL-G-250024     |
|----------------------------------------------------------------|------------------|
| Thickener Type                                                 | Aluminum Complex |
| NLGI Classification                                            | 3                |
| Texture                                                        | Smooth           |
| Color, Visual                                                  | White            |
| Dropping Point, °C, ASTM D566                                  | 260              |
| Worked Penetration @25°C 60 strokes, ASTM D217                 | 225-250          |
| Operating temperature range, °C                                | -35 to 150       |
| Kinematic viscosity of the base oil at 40°C, mm²/s, ASTM D 445 | 150              |
| Four ball weld load, kgf, ASTM D 2596                          | 500              |
| Copper Strip Corrosion for 24hrs @100°C, ASTM D4048 1a         | 1b               |

**Packing:** 400g, 500g, 1kg, 3.5kg, 5kg, 15kg, 18kg, 180kg

Note: These characteristics are typical of current production. While future production will conform to Atlantic's specification, variations in these characteristics may occur.

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\* supersedes all previous versions