

216G Food Grade Gear Oil

DESCRIPTION:

216G Food Grade Gear Oil is a custom quality extreme pressure gear oil recommended for food machinery gear applications in the food processing, packaging and transportation industries. 216G may be used where NSF (formerly U.S.D.A.) category H-1 (lubricants with incidental contact with food) is recommended.

COMPOSITION:

216G Food Grade Gear Oil is fully formulated with the purest high viscosity index paraffinic food grade white oil and food grade extreme pressure agents, anti-wear agents, anti-oxidants, rust preventives, and demulsifiers, to provide functional performance far superior to typical white oils used in the food industry.

Composition Features Include:

Odorless and Tasteless: These assure the processor that the product will not be adulterated if contact with food should occur.

Oxidation Inhibiting: Long equipment life is assured without deposit formation.

Wear Protecting: All grades are formulated to contain extreme-pressure and anti-wear additives for long equipment life.

High Viscosity: Increased film strength prevents metal-to-metal contact.

Rust Preventing: This product is formulated to ensure good water separating properties to prevent water build-up in wet environments.

PERFORMANCE CHARACTERISTICS:

216G Food Grade Gear Oil is a mild duty gear oil recommended for use in food machinery gear applications where a "compounded" oil is required. It gives superior performance in rotary steamers, worm and spur gears, and valves up to 300° F. 216G Food Grade Gear Oil complies with AGMA No. 7 Compounded specifications and provides excellent wear protection and freedom from scuffing in mild service, and rust protection in wet environments.

USES:

Use wherever NSF (formerly U.S.D.A.) H-1 approved food grade lubricants are required for all gear lubrication applications in the canning, bottling or food processing industry and general industrial lubrication applications requiring a high viscosity extreme-pressure food grade oil, or simply a high grade viscous lubricant.

APPLICATIONS:

- Gearboxes
- Rotary Steamers
- Worm Gears
- Valves
- Spur Gears
- Canning Operations
- Bearings
- Food Processing
- Release Agent
- Bottling Plants



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TYPICAL SPECIFICATIONS:

ISO Grade	460
AGMA Grade	7 Compounded
SAE Viscosity	140
Gravity, API	29.3
Flash Point, COC, ° F	320
Pour Point, °F	10
Viscosity, CST @ 40° C	465
Color, ASTM	L0.5
Emulsion Characteristics (Oil-Water-Emulsion) ml	40-37-3
Rust Test, 24 hours	No Rust (A)
Four Ball Wear, mm Scar	
20 KG Load	0.30
40 KG Load	0.40