

216 Food Grade Hydraulic Oils

DESCRIPTION:

216 Food Grade Hydraulic Oils are custom quality lubricants recommended for high pressure hydraulic systems and general lubrication of machinery in the food processing, packaging and transportation industries. A choice of two viscosity grades may both be used where NSF (formerly U.S.D.A.) category H-1 (lubricants with incidental contact with food) is recommended.

COMPOSITION:

216 Food Grade Hydraulic Oils are fully formulated from high viscosity index paraffinic white oils with anti-wear agents, anti-oxidants, rust preventive additives and demulsifiers to provide superior performance for canning, bottling and food processing hydraulic systems.

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 anti-wear additives for long equipment life.

Rust Preventing: Both grades are formulated to ensure good water separating properties to prevent water build-up in wet environments.

PERFORMANCE CHARACTERISTICS:

216 Food Grade Hydraulic Oil Light provides the user with outstanding performance when used in canning, bottling, food processing hydraulic systems due to the fact that it meets the anti-wear requirements of major hydraulic pump manufacturers. In addition, it performs extremely well for the lubrication of air lines and bearings.

216 Food Grade Hydraulic Oil Heavy is recommended for high pressure hydraulic systems, including those operating above 1,000 psi, which benefit from the high performance level this oil provides. In addition, use of the lubricant in air compressors, corn-cutting type machinery and all continuous circulating systems is recommended.

It possesses excellent demulsibility, imparts long deposit-free life and meets the requirements necessary in vane-type high pressure pumps.

USES:

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

APPLICATIONS:

- Hydraulic Systems
- Air Lines
- Circulating Systems
- Corn Cutting Machinery
- Air Compressors
- Canning Machinery
- Bearings
- Food Processing Machinery
- Release Agent
- Bottling Machinery



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TYPICAL SPECIFICATIONS:

| | Light | Heavy |
|---|-------------|-------------|
| ISO Grade | 32 | 100 |
| AGMA Grade | --- | 3 |
| SAE Viscosity | 10 | 30 |
| Gravity, API | 32.6 | 30.6 |
| Flash Point, COC, ° F | 380 | 410 |
| Pour Point, °F | 15 | 15 |
| Viscosity, CST @ 40° C | 31.9 | 96.5 |
| Color Saybolt | +30 | +20 |
| Emulsion Characteristics (Oil-Water-Emulsion) ml | 40-37-3 | 40-37-3 |
| Rust Test, 24 hours | No Rust (A) | No Rust (A) |
| Oxidation Stability, Hours | 1900 | 2050 |
| Four Ball Wear, mm Scar | | |
| 20 KG Load | 0.32 | 0.26 |
| 40 KG Load | 0.40 | 0.35 |
| Vicker Pump Wear Test, mg Steel | 15 | 10 |