Learn about leading Food Grade lubricants in this Product Showcase.

Royal Purple Barrier Fluid FDA®

According to Royal Purple, its Barrier Fluid FDA is a pure, non-reactive, synthetic fluid that provides superior lubrication and cooling for double and tandem mechanical seals. It provides stable seal performance over an extremely wide temperature range, satisfying most seal service requirements. Extremely clean, it has excellent low-temperature fluidity and heat-transfer properties. Barrier Fluid FDA is sanctioned under the FDA CFR Title 21 Sections 178.3620 (a) (b); 172.878; 175.105: 172.200 and 210: 177.2260, 2600 and 2800; 178.3570 and 3910, and is approved by the USDA for both H1 and H2 service. The fluid is essentially inert, allowing it to be used with most hydrocarbon gases and aqueous acids and bases. Royal Purple also can design custom barrier fluids for customers with special needs regarding solubility, reactivity, etc.

Royal Purple, Inc.
Porter, TX

For more info, enter 30 at www.LMTfreeinfo.com

CRC's General-Purpose Penetrating Oil

CRC notes that its Food Grade Penetrating Oil is an effective and efficient general-purpose product for use on all food-processing equipment. This highly refined white mineral oil is colorless, odorless and tasteless to meet NSF, USDA and FDA standards. NSF H1-registered, it can be used to loosen rust, scale and corrosion around fasteners and hose fittings on food-processing equipment. It's silicone-free, which makes for easy cleanup of excess oil and allows treated surfaces to be repainted. Each can comes with CRC's Material Safety Data Label™ that provides a quick access to safety information.

CRC Industries, Inc.
Warminster, PA

For more info, enter 31 at www.LMTfreeinfo.com

Synthetic, Extreme Pressure Grease From Chesterton

Superior resistance to washout by water, caustics, sanitizing cleaners, process fluids and steam has now been combined with high-temperature performance to produce Chesterton® 630 SXCF. 630 SXCF is NSF-registered and complies with FDS regulation 178.3570. It can be the exclusive lubricating grease used in food, beverage, meat, poultry and pharmaceutical plants. The grease is essentially tasteless and odorless. According to the manufacturer, it's ideal as a maintenance or production lubricant for food-processing equipment, mixing, filling, packaging and production applications. Chesterton 630 contains no animal fats or oils that could become rancid and support biological growth, nor does it contain any heavy metals that could mandate hazardous warnings and restrict use.

A.W. Chesterton Co.
Groveland, MA

For more info, enter 32 at www.LMTfreeinfo.com

Clarion's High-Purity Food Grade White Mineral Oils

Clarion Food Grade White Mineral Oils are refined by ultra-high-pressure hydrotreatment and stabilized with a Vitamin E oxidation inhibitor. Available in six viscosity grades, they're certified as Kosher and meet requirements set forth in U.S. FDA regulations 21 CFR 172.878 for contact with food for human consumption, and 21 CFR 178.3620 (a) for use as a component of nonfood articles intended for use in contact with food for human consumption. Registered as 3H and H1 lubricants for direct and incidental food contact by NSF, for use in food plants under USDA jurisdiction, these high-purity products are suitable as coatings for fruits and vegetables, defoamers, shell egg spray, bakery pans and dough dividers, cutters, knives, meat packers benches, boards, trays and hooks, and as a lubricant and rust preventative for food processing machinery. They also can be used as a release agent on grills, pans and other food-processing equipment.

Clarion Lubricants
Houston, TX

For more info, enter 33 at www.LMTfreeinfo.com

Multipurpose Mobilgrease FM Series

NSF H1-registered and formulated with high-quality basestocks and performance additives, the Mobilgrease FM Series has been designed to meet the demands of the global food and beverage industry. These multipurpose greases offer the professional processor outstanding lubrication and long service life in a wide range of operating environments (from ovens to freezers) and in high levels of contamination (resulting from water, steam and cleaning agents) that are found in food and beverage processing and packaging, animal-feed manufacturing and pharmaceutical operations. Mobilgrease FM 222 (ISO VG 220, NLGI 2) is suitable for a wide range of applications including bearings, joints, pumps and mixer lubrication. Mobilgrease FM 101 (ISO VG 100, NLGI 1) offers excellent pumpability in centralized systems, even at low temperatures.

Exxon Mobil Corp.

Fairfax, VA

For more info, enter 34 at www.LMTfreeinfo.com