

JAX MAGNA-PLATE 44 SERIES

**HIGH-PERFORMANCE FG-H1 GREASE
FOR FOOD AND BEVERAGE PROCESSING
EQUIPMENT - WITH MICRONOX®**



PRODUCT DESCRIPTION

JAX Magna-Plate 44 series are high-performance food-grade greases that were developed over years of extensive research and testing to formulate products that demonstrate excellent pumpability, defies oil and thickener separation, and has unmatched water resistance. The proprietary base soap formulation, combined with carefully selected state-of-the-art FDA-approved antiwear, rust and corrosion and antioxidant additives provide performance not usually associated with a food-grade lubricant. The water and corrosion resistance of JAX Magna-Plate 44 series are equal to, and in many cases far superior to, leading non-food-grade greases currently considered industry standards. JAX Magna-Plate 44 series meet the requirements of 21 CFR 178.3570 (lubricants with incidental food contact).

PRODUCT BENEFITS

- **Excellent Water Resistance**—Water resistance is of particular importance in food-grade grease applications. Few industrial applications are subject to the severe process and sanitation water and chemical contamination inherent in modern food and beverage plants. JAX Magna-Plate 44-1 & 44-2 are two of the most water-resistant food-grade greases on the market with Water Washout (ASTM D 1264) results of 6.0% and 4.0% weight loss, respectively.
- **Outstanding Pumpability**—Automatic lubrication systems are manufactured as an integral series of small passageways and feed lines which have a tendency to plug when the thickener and oil of a grease separate. JAX Magna-Plate 44 series are specifically designed to resist this unwanted separation, ensuring the grease is delivered to all critical lubrication points.
- **Contains Micronox®**—A first in food-grade lubricants, JAX Micronox® has proven especially effective in protecting JAX Magna-Plate 44 greases over extended lubrication intervals.

APPLICATIONS

JAX Magna-Plate 44-0 was developed to find a solution to severe grease separation in centralized lube systems on high-speed can closers used in the beverage industry where NSF/USDA-H1 food-grade lubricants are required. In the past, food-grade products exhibited grease separation problems and limited antiwear performance.

JAX Magna-Plate 44-1 & 44-2 were developed as complementary products to our Magna-Plate 44-0. JAX Magna-Plate 44-1 & 44-2 are heavier grades of the same product for use where hand greasing is performed. The same high degree of water resistance, oxidation stability and antiwear protection allows these food-grade greases to perform in areas formerly thought to be too severe for ordinary food-grade greases.

COMPATIBILITY

Extensive grease compatibility studies have shown that JAX Magna-Plate 44 greases possess very good compatibility with the vast majority of the most popular food-grade greases currently on the market. Please contact your JAX Sales Representative with questions regarding specific applications.



GREASES

JAX MAGNA-PLATE 44 SERIES



PERFORMANCE FEATURES AND BENEFITS

- Excellent Pumpability
- Outstanding Water Resistance
- Antiwear and E.P. Additives
- Micronox® Technology
- Resists Pressure Separation
- Excellent Rust and Corrosion Protection

TYPICAL PROPERTIES	MAGNA-PLATE 44-0 (00440)	MAGNA-PLATE 44-1 (00441)	MAGNA-PLATE 44-2 (00442)	METHOD
Soap Type	Proprietary	Proprietary	Proprietary	
NLGI Grade	0	0.5	1	
Penetration, Unworked	380-400	335-355	305-325	ASTM D 217
Penetration, Worked	380-400	335-355	305-325	ASTM D 217
Dropping Point, °F (°C), min	425 (218)	425 (218)	470 (243)	ASTM D 2265
Color	White	White	White	
Base Oil:				
Viscosity @ 40°C, cSt	150	150	150	ASTM D 445
Viscosity @ 100°C, cSt	16.5	16.5	16.5	ASTM D 445
Viscosity Index	116	116	116	ASTM D 2270
Oxidation Stability, psi loss	3	3	3	ASTM D 942
Water Washout, %	4.0	6.0	4.0	ASTM D 1264
Timken OK Load, lbs.	30	30	30	ASTM D 2509
Micronox® Technology	Yes	Yes	Yes	
NSF Registration No. / Category Code	130850 / H1	130852 / H1	130851 / H1	

JAX products undergo continual improvement in formulation and manufacture. The values indicated in this PDS are typical production values at the time of this writing. JAX reserves the right to alter and update product data and typical values at any time without notice. It is the responsibility of the installer and/or purchaser to determine if these specifications are adequate and proper for the intended application. MSDS information may be found at www.jax.com or by contacting JAX INC.

CONTAINER SIZE	MAGNA-PLATE 44-0	MAGNA-PLATE 44-1	MAGNA-PLATE 44-2
2000 Pound Tote - 276	00440-276	00441-276	00442-276
400 Pound Drum - 400	00440-400	00441-400	00442-400
120 Pound Keg - 120	00440-120	00441-120	00442-120
35 Pound Pail - 035	00440-035	00441-035	00442-035
50 Cartridge Case - 050	00440-050	00441-050	00442-050
10 Cartridge Pack - 052	00440-052	00441-052	00442-052



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GREASES