

JAX MAGNA-PLATE® 44 SERIES

NSF H1 High Performance Food Grade Grease

FOOD GRADE

PRODUCT DESCRIPTION

JAX Magna-Plate® 44 Series are high performance food grade greases that demonstrate excellent pumpability, defy oil and thickener separation, and have excellent water resistance.

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 modern food and beverage plants. JAX Magna-Plate 44-1 & 44-2 are extremely water resistant food grade greases 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.
- **Micronox® Technology** — A groundbreaking advance in food grade technology with exceptional performance in preserving and protecting food grade lubricants from microbial contamination.
- **NSF H1 Registered**



APPLICATIONS

Centralized lube systems used in the food and beverage industry where an NSF food grade lubricant is required



JAX.com



| TYPICAL PROPERTIES | MAGNA-PLATE 44-0 | MAGNA-PLATE 44-1 | MAGNA-PLATE 44-2 | METHOD |
|-------------------------------|-------------------|-------------------|-------------------|-------------|
| Soap Type | Aluminum Complex | Aluminum Complex | Aluminum Complex | |
| NLGI Grade | 0 | 0.5 | 1 | |
| Penetration, Unworked, mm/10 | 380-400 | 335-355 | 305-325 | ASTM D 217 |
| Penetration, Worked, mm/10 | 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: | | | | |
| Base Oil Type | Mineral/Synthetic | Mineral/Synthetic | Mineral/Synthetic | |
| 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 |
| Four-Ball Weld, kgf | 250 | 315 | 315 | ASTM D 2596 |
| 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 Reg 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 JAX.com or by contacting JAX INC.

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 aluminum food grade greases currently on the market. Please contact your JAX Sales Representative with questions regarding specific applications.

PACKAGING

| CONTAINER SIZE | MAGNA-PLATE 44-0 | MAGNA-PLATE 44-1 | MAGNA-PLATE 44-2 |
|-------------------|------------------|------------------|------------------|
| 400 Pound Drum | 00440-400 | 00441-400 | 00442-400 |
| 120 Pound Keg | 00440-120 | 00441-120 | 00442-120 |
| 35 Pound Pail | 00440-035 | 00441-035 | 00442-035 |
| 50 Cartridge Case | N/A | 00441-050 | 00442-050 |