

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	00.5	1	2	
Penetration, Unworked, mm/10	380-400	310-340	265-295	ASTM D 217
Penetration, Worked, mm/10	380-400	310-340	265-295	ASTM D 217
Dropping Point, °F (°C), min	425 (218)	470 (243)	500 (260)	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	250	250	ASTM D 2596
Four-Ball Wear, mm	0.60	0.60	0.60	ASTM D 2266
Oxidation Stability, psi loss	3	3	3	ASTM D 942
Water Washout, %	6.0	4.0	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