

JAX MAGNA-PLATE® 60 SERIES

NSF H1 FOOD GRADE LUBRICATING FLUIDS



FOOD GRADE

PRODUCT DESCRIPTION

JAX Magna-Plate 60 Series food machinery lubricating oils are food grade lubricants specifically designed for use in a variety of food processing applications previously considered too severe for food grade lubricants. JAX Magna-Plate 60 Series provide maximum rust and oxidation, wear, and extreme-pressure protection. JAX Magna-Plate 60 Series meet the requirements of 21 CFR 178.3570 (lubricants with incidental food contact.)

PRODUCT BENEFITS

- **Excellent High and Low Temperature Performance**—Can be used in low ambient temperatures, yet maintain sufficient body to perform at high temperatures. By replacing your lower performing food grade multipurpose oil, you will extend the life and lubrication intervals of your critical equipment.
- **Superior Additive Performance**—These oils are formulated with advanced additive technologies to provide superior performance. They contain proprietary, optimized combinations of antiwear agents, rust inhibitors, and polymeric viscosity improvers that provide outstanding long-term wear advantages over other food grade gear oils, while their robust antioxidant chemistry ensures deposit free operation.
- **Longer Drain Intervals**—Outperforms conventional fluids in thermal and oxidative stability, as demonstrated by the Rotary Pressure Vessel Oxidation Test (ASTM D 2272). This enhanced performance translates into longer drain intervals and trouble-free operation.
- **Excellent Water Separation and Air Entrainment**—Readily separates from water and air, eliminating emulsions that inhibit the oil's ability to lubricate. Rapid water separation ensures easy drainage from the sump, reducing the potential for rust and corrosion to the system components.
- **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**
- **Kosher and Parve Certified**

APPLICATIONS

- Demanding industrial applications requiring a premium food grade lubricant
- Hydraulic systems
- Mist or spray chain lubricators
- Cam rollers
- Slide valves
- Drip lubrication systems
- Air compressors
- Oil bearings
- Gearboxes

COMPATIBILITY

JAX Magna-Plate 60 Series fluids are compatible with seals, petroleum oils, and most synthetic oils. (not compatible with phosphate ester, silicone fluids, or polyalkylene glycols.) For optimum performance it is recommended that the system be thoroughly drained and, if warranted, cleaned prior to installation.



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TYPICAL PROPERTIES	MAGNA-PLATE 60	MAGNA-PLATE 62	MAGNA-PLATE 64	MAGNA-PLATE 66	METHOD
Viscosity @ 40°C, cSt	31.5	45.4	66.7	101.2	ASTM D 445
Viscosity@ 100°C, cSt	5.3	6.7	8.6	11.5	ASTM D 445
Viscosity Index	99	100	100	100	ASTM D 2270
ISO Viscosity Grade	32	46	68	100	ASTM D 2422
SAE Viscosity Grade	10	20	20	30	SAE J300
Pour Point, °F, (°C)	-51 (-46)	-54 (-48)	-44 (-42)	-33 (-36)	ASTM D 97
Flash Point, °F (°C)	392 (200)	406 (208)	462 (239)	482 (250)	ASTM D 92
Fire Point, °F (°C)	414 (212)	428 (220)	491 (255)	536 (280)	ASTM D 92
Specific Gravity	0.8639	0.8670	0.8692	0.8745	ASTM D 1298
Color	Water white	Water white	Water white	Water white	
Water Separability, oil-water-cuff (min.)	40-40-0 (10)	40-40-0 (10)	40-40-0 (10)	40-40-0 (10)	ASTM D 1401
Foaming Characteristics, Initial/Final Vol. (time)					ASTM D 892
Sequence I	0/0 (10 sec.)	0/0 (10 sec.)	0/0 (10 sec.)	0/0 (10 sec.)	
Sequence II	5/0 (10 sec.)	5/0 (10 sec.)	2/0 (10 sec.)	6/0 (10 sec.)	
Sequence III	0/0 (10 sec.)	0/0 (10 sec.)	2/0 (10 sec.)	4/0 (10 sec.)	
Rust Test					ASTM D 665
Method A - Distilled Water	Pass	Pass	Pass	Pass	
Method B - Synthetic Sea Water	Pass	Pass	Pass	Pass	
Copper Strip Corrosion	1a	1a	1a	1a	ASTM D 130
Four-Ball Wear, mm	0.45	0.40	0.40	0.35	ASTM D 4172
AGMA Classification	--	1	2	3	
NSF Registration No. / Category Code	124538 / H1	124636 / H1	124637 / H1	124635 / 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. SDS information may be found at www.jax.com or by contacting JAX INC.

CONTAINER SIZE	MAGNA-PLATE 60	MAGNA-PLATE 62	MAGNA-PLATE 64	MAGNA-PLATE 66
2000 Pound Tote	00600-276	00620-276	00640-276	00660-276
800 Pound Drum	00600-800	00620-800	00640-800	00660-800
400 Pound Drum	00600-400	00620-400	00640-400	00660-400
120 Pound Keg	00600-120	00620-120	00640-120	00660-120
35 Pound Pail	00600-035	00620-035	00640-035	00660-035
Gallon (4/cs)	00600-004	00620-004	00640-004	00660-004



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