

JAX MAGNA-PLATE® 2000FG, 2100FG

NSF H1 CONTINUOUS COOKER LUBRICATING OIL



FOOD GRADE

PRODUCT DESCRIPTION

JAX Magna-Plate 2000FG and 2100FG were developed as an extension of our high performance JAX Magna-Plate 2000 and 2100 products to meet the demanding requirements of continuous rotary cookers. They boast improved reduction in copper corrosion and wear experienced by aluminum bronze wear strips in the cooker valves. Both products are designed for use in plants and processing areas that require a food grade NSF H1 lubricant. JAX Magna-Plate 2000FG and 2100FG meet the requirements of 21 CFR 178.3570 (lubricants with incidental food contact).

JAX Magna-Plate 2100FG is especially suited to continuous rotary cooker applications where higher temperatures are present.

PRODUCT BENEFITS

- **Eliminates Rubbery Deposits**—JAX Magna-Plate 2000FG and 2100FG employ an emulsifying agent that helps eliminate rubbery deposits, clogged lines, and gummed check valves.
- **Extends Packing Strip Life**—A high degree of antiwear additives can extend the life of packing strips, transfer valves and all lubricated parts. A special tack polymer enables JAX Magna-Plate 2000FG and 2100FG to cling to metal surfaces even after shutdown, reducing metal-to-metal contact on start up.
- **Food Grade Lubricant** – JAX Magna-Plate 2000FG and 2100FG address the environmental concerns of zinc-based cooker oils, and is the best solution to the numerous problems involving the lubrication of complex equipment.
- **Valve Cleanliness**—The formulations are optimized for clean valve performance. High temperature-capable Group II base stocks combined with clean additive technology keep deposits and oxidation byproducts minimized in the transfer valve components.
- **NSF H1 Registered**
- **Kosher and Parve Certified**

APPLICATIONS

- Continuous rotary cookers

COMPATIBILITY

JAX Magna-Plate 2000FG and 2100FG may loosen all gummy deposits formed by the use of a plant based oil. To prevent clogged lines and valves when switching to JAX Magna-Plate 2000FG or Magna-Plate 2100FG from one of these oils, clean all reservoirs, pumps, and lines of any deposits, and circulate a light viscosity motor oil through the system to flush out any remaining deposits.



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TYPICAL PROPERTIES	MAGNA-PLATE 2000FG	MAGNA-PLATE 2100FG	METHOD
Viscosity @ 40°C, cSt	103.5	443.9	ASTM D 445
Viscosity @ 100°C, cSt	11.7	31.4	ASTM D 445
Viscosity Index	101	102	ASTM D 2270
ISO Grade	100	460	
SAE Viscosity Grade	30	140	SAE J300
PourPoint, °F (°C)	-6 (-21)	-9 (-23)	ASTM D 97
Flash Point, °F (°C)	460 (238)	507 (264)	ASTM D 92
Fire Point, °F (°C)	518 (270)	531 (277)	ASTM D 92
Specific Gravity	0.8783	0.8800	ASTM D 1298
Color	Clear	Light Straw	
Copper corrosion	1a	1a	ASTM D 130
NSF Registration No. / Category Code	017553 / 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 2000FG	MAGNA-PLATE 2100FG
275 Gallon Tote	02001-275	02101-275
55 Gallon Drum	02001-055	02101-055
16 Gallon Keg	02001-016	02101-016
5 Gallon Pail	02001-005	02101-005
Gallon (4/cs)	02001-004	02101-004



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