

JAX HALO-GUARD® FG GREASES

NSF H1 High Temperature Corrosion Control Grease

FOOD GRADE

PRODUCT DESCRIPTION

JAX Halo-Guard® FG greases are manufactured with calcium sulfonate complex thickener to provide an excellent food grade, multi-purpose grease. These greases satisfy the lubricant demands for difficult, highly-loaded, greased gear and bearing applications in food plant machinery operation.

PRODUCT BENEFITS

- **Outstanding mechanical stability** – Shows little change in Worked 60 Penetration (ASTM D 217) or consistency after 100,000 strokes. There is no evidence of shear breakdown in the Roll Stability Test (ASTM D 1831).
- **Excellent extreme pressure and antiwear performance** – 4-Ball EP (ASTM D 2596) LWI results of over 60 kgf with a weld point of 500 kgf. 4-Ball Wear (ASTM D 2266) performance is equally impressive with typical wear scar of less than 0.40 mm.
- **Protects against rust and corrosion** – Easily passes the standard Corrosion Preventive Properties Test (ASTM D 1743). A severe, Salt Fog Test (ASTM B 117) yields passing performance in excess of 300 hours, something few food grade greases of any other technology can achieve.
- **Excellent water resistance** – Exceptional water resistance to moisture and steam, which is of particular importance in food and beverage plants.
- **Contains Micronox®** – A groundbreaking advance in food grade technology with exceptional performance in preserving and protecting food grade lubricants from microbial contamination.
- **NSF H1 Registered**
- **Kosher Pareve Certified**
- **JAX Halo-Guard® FG-2 is available in aerosol spray**

COMPATIBILITY

Please contact your JAX Sales Representative with questions regarding specific compatibilities and applications.



APPLICATIONS

- Recommended for highly loaded gear sets and bearings
- All food or beverage equipment subject to water and corrosive washdown
- Food and beverage shop and plant equipment including fork trucks, conveyors and material handling



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TYPICAL PROPERTIES	HALO-GUARD® FG-2	HALO-GUARD® FG-LT	HALO-GUARD® FG-00	METHOD
Soap Type	Calcium Sulfonate Complex	Calcium Sulfonate Complex	Calcium Sulfonate Complex	
NLGI Grade	2	0.5-1	00	
Penetration, Unworked, mm/10	265-295	320-345	400-430	ASTM D 217
Penetration, Worked, mm/10	265-295	320-345	400-430	ASTM D 217
Dropping Point, °F (°C), min	600 (316)	500 (260)	490 (254)	ASTM D 2265
Base Oil Type	Mineral Oil	Mineral Oil	Mineral Oil	
Base Fluid Viscosity Index	92	92	92	ASTM D 2270
Base Fluid Viscosity @ 40°C, cSt	95	95	95	ASTM D 445
Base Fluid Viscosity @ 100°C, cSt	10.5	10.5	10.5	ASTM D 445
Base Fluid Flash Point °F (°C)	482 (250)	482 (250)	482 (250)	ASTM D 92
Base Fluid Fire Point °F (°C)	572 (300)	572 (300)	572 (300)	ASTM D 92
Base Fluid Pour Point °F (°C)	+10 (-12)	+10 (-12)	+10 (-12)	ASTM D 97
Grease Oxidation, psi loss, 1000 hrs	9.0	6.0	6.0	ASTM D 942
Water Washout @ 175°F (79.4°C), % loss	0.5	0.5	4.5	ASTM D 1264
Rust Test	Pass	Pass	Pass	ASTM D 1743
Oil Separation Test, %	Nil	0.5	1.0	ASTM D 1742
Salt Fog Corrosion (hrs to failure)	>300	>300	>300	ASTM B 117
Roll Stability, % Change	3.1	2.6	2.0	ASTM D 1831
Four-Ball Wear, mm	0.38	0.48	0.48	ASTM D 2266
Timken OK Load, lbs.	60	50	50	ASTM D 2509
4-Ball Weld, kgf	500	400	315	ASTM D 2596
Load Wear Index, kgf	62	50	41	ASTM D 2596
Wheel Bearing Life Test, hours	180	180	180	ASTM D 3527
Color / Texture	Off-White / Smooth	Off-White / Smooth	Off-White / Smooth	
NSF Registration No. / Category Code	126100 / H1	128352 / H1	136970 / H1	

AEROSOL PRODUCT

TYPICAL PROPERTIES	HALO-GUARD FG-2	TYPICAL PROPERTIES	HALO-GUARD FG-2
Propellant	Propane and butane	Texture	Thick wet grease
Flash Point	Extremely flammable	Appearance	Tan
Spray Pattern	Medium stream	Consistency	Heavy
Viscosity	95 cSt @40°C (Base fluid of grease), typical	Specific Gravity ASTM D 1298	0.97
		NSF Reg. No. / Category Code	131601 / H1

PACKAGING

CONTAINER SIZE	HALO-GUARD FG-2	HALO-GUARD FG-LT	HALO-GUARD FG-00
400 Pound Drum	HLG02-400	HLGLT-400	HLG00-400
120 Pound Keg	HLG02-120	HLGLT-120	HLG00-120
35 Pound Pail	HLG02-035	HLGLT-035	HLG00-035
50 Cartridge Case	HLG02-050	HLGLT-050	N/A
Aerosol (12/cs)	JAX213	N/A	N/A