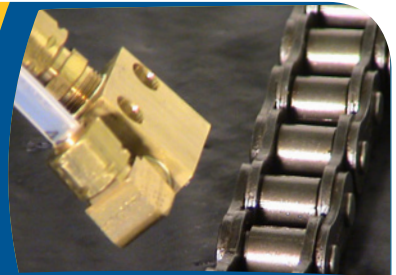


# JAX MAGNA-KOTE 1020 SERIES

**WATER-SOLUBLE SYNTHETIC  
CONVEYOR LUBRICANTS, ASHLESS  
ANTIWEAR PERFORMANCE**



## PRODUCT DESCRIPTION

JAX Magna-Kote 1020 Series conveyor lubricants are high-temperature, water-soluble, synthetic-based fluids specifically designed to be compatible with paint and coating systems, including cathodic electrodeposition (E-coat). They provide superior lubrication to conveyor chains and open trolley wheel bearings at elevated temperatures typically found in drying and curing operations in the automotive and metal-decorating industries.

## PRODUCT BENEFITS

- **Ashless Additive Technology**—Our unique ashless additive technology allows lubricated surfaces to run cleanly without carbon abrasives or residue that adversely affect conveyor chain life. This prevents premature wear and also provides superior extreme-pressure protection which significantly increases chain and conveyor component life.
- **Improved Lubricity**—The synthetic-based fluids used in the JAX Magna-Kote 1020 Series have exceptional metal wetting and lubricity properties when compared to traditional petroleum fluids. This ensures that the fluid penetrates to the friction points and load zones while exhibiting good metal adhesion to minimize dripping.
- **High-Temperature Performance**—At elevated temperatures, JAX Magna-Kote 1020 Series will not degrade into carbon or carbon residue, thus reducing the potential for contamination of the coated surfaces or soiling of finished goods. Additionally, the blend of antioxidants enhances the oxidation resistance of the fluid to reduce depositing and extend relubrication intervals.

## APPLICATIONS

The customized, water-soluble formula of JAX Magna-Kote 1020 Series lubricants are ideal in applications where compatibility with water-dispersed and E-coat coatings is required. This would include applications such as open race trolleys, drive chains, sealed rollers and bushings, retractable dog mechanisms, rider plates and wear bars, actuator linkages and many more. JAX Magna-Kote 1020 Series fluids are typically recommended for oven temperatures from 302°F to 428°F (150°C to 220°C). At elevated temperatures, it is recommended to reapply more frequently rather than increase the amount applied.

## COMPATIBILITY

JAX Magna-Kote 1020 Series fluids have passed compatibility testing with a majority of paint and coating suppliers to ensure compatibility with most water-based paints and coatings, including water-based cathodic dip coatings, to prevent various surface imperfections such as cratering.



# JAX MAGNA-KOTE 1020 SERIES



## PERFORMANCE FEATURES AND BENEFITS

- High Flash Point
- Excellent Antiwear Properties
- Good Metal Adhesion
- Compatibility with Weater-Dispersed and E-coat coatings
- Extends Equipment Life
- Reduces Downtime

TYPICAL PROPERTIES	ISO 150 (10200)	ISO 220 (10220)	METHOD
Fluid Component	Polyglycol Synthetic	Polyglycol Synthetic	
Viscosity @ 40°C, cSt	130.6	222.1	ASTM D 445
Viscosity @ 100°C, cSt	24.4	39.6	ASTM D 445
Viscosity Index	212	206	ASTM D 2270
Specific Gravity	1.0300	1.0800	ASTM D 1298
Pour Point °F (°C)	-22 (-30)	-9 (-23)	ASTM D 97
Flash Point °F (°C)	558 (292)	558 (292)	ASTM D 92
Fire Point °F (°C)	581 (305)	586 (308)	ASTM D 92

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 [www.jax.com](http://www.jax.com) or by contacting JAX INC.

CONTAINER SIZE	ISO 150	ISO 220
275 Gallon Tote - 275	10200-275	10220-275
55 Gallon Drum - 055	10200-055	10220-055
16 Gallon Keg - 016	10200-016	10220-016
5 Gallon Pail - 005	10200-005	10220-005
4 - 1 Gallon Case - 004	10200-004	10220-004
Bulk	10200	10220



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CHAIN & CONVEYOR