

Technical Data Sheet

KS-300 KCP22



Product Segment: Specialty Products
Product Category: Silver Label Series
Product Sub-Category: Rust Preventatives, Coatings & Protectants
Description: No-film rust preventative for manufacturing, machining, and industrial applications.

Rust Preventative Features:

- Forms a protective boundary without leaving a thick or sticky film that will attract dirt and debris.
- Non-staining chemistry makes it ideal for visible areas.
- Can be used with ferrous and aluminum alloys.
- Low odor formulation.
- Easier to apply and remove than traditional petroleum wax products.
- More effective than vapor barrier paper.

Anti-Spatter Features:

- Protects against slag/spatter buildup during welding or laser cutting operations.
- Can be applied to parts, tables, or table slats.

Applications:

- Provide short-term protection during honing/machining, metal forming, assembly, and transport.
- Provide long-term protection during warehouse storage.
- Mitigate slag/spatter buildup during welding or laser cutting (especially with stainless steel).
- Extend the useful life of industrial equipment such as forming dies and hand tools.

Technical Information:

Test Method	Test Description	
	Product Color	Clear, amber colored fluid.
D445	Kinematic Viscosity, 40°C (cSt)	1.885
D92	Flash Point (°C)	72
D97	Pour Point (°C)	-12
D4052	Density (g/mL)	0.8064

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Rust Preventative Directions:

- For **light protection**, spray onto surface and wipe away residue with a clean towel.
- For **heavy protection**, spray onto surface and allow the fluid to drip dry.
- Apply extra fluid around sharp edges of parts being treated.
- Applying multiple coatings of KCP22 will increase performance.

Anti-Spatter Directions:

- Spray onto the metal surface that will be exposed to the spatter.
- Periodically remove accumulated spatter residue using a clean towel.
- Reapply KCP22 at regular intervals to maintain protection.

Removal:

- KCP22 can be easily removed with an alkaline cleaning solution.

Laboratory Performance:

- **ASTM B117 Salt Spray Booth:** 45% Longer Protection than Competing Chemistry
- **Modified ASTM D1014 Outdoor Exposure Test:** 25% Longer Protection than Competing Chemistry
- **GMW14872 Cyclic Corrosion Test:** 57% Longer Protection than Competing Chemistry
- **MIL-C-22235:** Passes military requirement for non-staining corrosion protection.
- **MIL-PRF-16173E:** Passes military requirement for water displacement.

Ordering Options:

Part No.	Bottle Volume	Bottles Per Package
KS-300	1-Gallon	1 Bottle / Package
KS-300 5PL	5-Gallon Pail	
KS-300 55GL	55-Gallon Drum	

Klotz Synthetic Lubricants

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