

Product Data Sheet

KX1323 Experimental Product



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Additive Package in Compliance with European Eco-Label Criteria (Commission Decision 2011/381/EU)

KX1323 is an environmentally friendly multifunctional premium ashless additive package designed for use in ester-based systems. When used as a single additive with an approved base fluid, the final product is eligible for the European Eco-Label.

CHEMICAL

COMPOSITION: Proprietary preparation.

APPEARANCE: Clear amber slightly viscous liquid with a characteristic odor.

TYPICAL

PROPERTIES:	Sulfur Content	8.9%
	Phosphorus Content	1.3%
	Nitrogen Content	2.6%
	Viscosity @ 40°C (ASTM D 445, DIN 51 550)	190 mm ² /s (cSt)
	Viscosity @ 100°C (ASTM D 445, DIN 5 1550)	12 mm ² /s (cSt)
	Density @ 25°C (ASTM D 4052)	0.99 g/ml
	Weight Per Gallon @ 25°C	8.25 lbs
	Flash Point, COC (ASTM D 92, DIN 51376)	170°C (338°F)
	Mineral Oil Content	none

Note: The above data are not specifications. Supplying the information shown in this data sheet does not obligate King Industries to manufacture this product commercially.

	<u>Typical Treat Levels</u>
APPLICATIONS: Eco-Label Wire Rope	1.2 - 1.8%
Eco-Label Gear Oils	1.2 - 1.8%
Eco-Label Grease	1.2 - 1.8%

KX1323 is a multifunctional lubricant package that imparts excellent antiwear and anti-corrosion protection. **KX1323** also imparts good antioxidation properties as measured by RPVOT testing.

ADVANTAGES:

- * **Excellent solubility in synthetic base stocks**
- * **Ashless multifunctional lubricant package**
- * **Excellent antiwear and anti-corrosion performance**
- * **Good antioxidation properties**

(see reverse side)

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SOLUBILITY: Soluble in petroleum and synthetic lubricant base stocks and most common solvents. Insoluble in water. However, it is recommended to verify the solubility in the base fluids used and the compatibility with other additives.

STANDARD PACKAGING: 440 lbs (200 kg) closed head drum.

STORAGE CONDITIONS: Store in a cool dry place away from any direct sources of heat and moisture. Maximum recommended storage temperature: 46°C (115°F)

SHELF LIFE: Best if used within 12 months from the date of manufacture.

HANDLING: Avoid all personal contact. Observe good personal hygiene. For additional information, it is advised to consult the Safety Data Sheet (SDS) for **KX1323**.

REGISTRATION: Please refer to Section 15 of the Safety Data Sheet for information.

For Samples or Technical Service, contact King Industries or your King representative.

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