

# Product Data Sheet

## K-CORR<sup>®</sup> G-1086A (Formerly KX1086A)



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**K-CORR G-1086A** is a proprietary rust inhibitor system developed for industrial and automotive greases.

### CHEMICAL

**COMPOSITION:** Proprietary preparation of alkylated organic acid/ester and zinc compound in light mineral oil.

**APPEARANCE:** Clear amber viscous liquid.

### TYPICAL

<b>PROPERTIES:</b>	Zinc Content	9%
	Viscosity @ 40°C (ASTM D 445, DIN 51550)	6400 mm <sup>2</sup> /s (cSt)
	Viscosity @ 100°C (ASTM D 445, DIN 51550)	130 mm <sup>2</sup> /s (cSt)
	Density @ 15.6°C (ASTM D 4052)	1.0 g/ml
	Weight Per Gallon @ 25°C	8.6 lbs
	Mineral Oil Content	~ 23%
	Flash Point, COC (ASTM D 92, DIN 51376)	170°C (338°F)

Note: The above data are not specifications.

**APPLICATIONS:** Greases

Typical Treat Levels  
0.7% - 5.0%

**K-CORR G-1086A** is a highly efficient rust and corrosion inhibitor that exhibits antiwear synergy with selected first intention antiwear and extreme pressure additives. **K-CORR G-1086A** is especially suitable to fulfill severe rust requirements in greases, e.g., Emcor test with 100% synthetic sea water and 3% NaCl solution.

**ADVANTAGES:**

- \* Excellent rust and corrosion protection
- \* Antiwear synergist with first intention EP/AW additives
- \* Good thermal and hydrolytic stability
- \* Excellent solubility in mineral oils, synthetic oils, and greases
- \* Effective at very low treat levels
- \* Excellent compatibility with all types of conventional functional additives
- \* Low odor
- \* Easy to handle

(see reverse side)

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**TEST RESULTS:** Technical reports are available from King Industries and can be requested by contacting the offices shown below.

**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 oils 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 18 months from the date of manufacture.

**HANDLING:** Avoid all personal contact. Observe good personal hygiene. For additional information, it is advised to consult the Material Safety Data Sheet (MSDS) for **K-CORR G-1086A**.

**REGISTRATION:** Please refer to the Material Safety Data Sheet.

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

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