

Product Data Sheet

K-CORR[®] G-1086A



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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

PROPERTIES:	Zinc Content	9%
	Viscosity @ 40°C (ASTM D 445, DIN 51550)	6400 mm ² /s (cSt)
	Viscosity @ 100°C (ASTM D 445, DIN 51550)	130 mm ² /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 analytical 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 oxidative 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
- * Easy to handle

(see reverse side)

K-CORR® G-1086A

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 Safety Data Sheet (SDS) for **K-CORR G-1086A**.

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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Revision date: 09 JUNE 2016

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