

Product Data Sheet

K-CORR[®] G-1107



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K-CORR G-1107 is a proprietary ashless rust inhibitor/antiwear additive system developed for industrial and automotive greases. Although designed specifically for grease applications, **K-CORR G-1107** also imparts excellent performance properties to liquid lubricants.

CHEMICAL

COMPOSITION: Proprietary ashless rust inhibitor and antiwear additive.

APPEARANCE: Light yellow/amber viscous liquid.

TYPICAL

PROPERTIES:	Nitrogen Content	3.6%
	Phosphorus Content	4.1%
	Viscosity @ 40°C (ASTM D 445, DIN 51 550)	930 mm ² /s (cSt)
	Viscosity @ 100°C (ASTM D 445, DIN 51 550)	34 mm ² /s (cSt)
	Density @ 15.6°C (ASTM D 4052)	0.95 g/ml
	Weight Per Gallon @ 25°C	7.86 lbs
	Flash Point, COC (ASTM D 92, DIN 51 376)	98°C (208°F)

Note: The above analytical data are not specifications.

	<u>Typical Treat Levels</u>
APPLICATIONS: Greases	0.25% - 3.00%
Industrial Oils	0.10% - 0.50%
Industrial Gear Oils	0.50% - 1.00%

K-CORR G-1107 is a metal-free rust inhibitor with excellent antiwear properties, especially suitable to fulfill severe rust requirements in greases, such as the Emcor test with 5% synthetic sea water. **K-CORR G-1107** is also quite suitable for use as rust inhibitor and antiwear agent in liquid lubrications.

ADVANTAGES:

- * Excellent rust protection
- * Excellent antiwear performance
- * Good thermal and hydrolytic stability
- * Excellent solubility in mineral oils, synthetic oils, and greases
- * Effective at low treat levels
- * Excellent compatibility with most conventional functional additives
- * 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: 400 lbs (181 kg) closed head drum.

STORAGE CONDITIONS: Store in a cool, dry place away from any direct source 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 **K-CORR G-1107**.

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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