

Product Data Sheet

K-CORR[®] 1227 (Formerly KX1227)



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K-CORR 1227 is an oil soluble, liquid corrosion preventive additive that is designed to be used with NA-SUL[®] corrosion inhibitors to boost performance for difficult applications. It improves performance in humidity, salt fog and especially where corrosive residues of combustion form on metal surfaces.

CHEMICAL

COMPOSITION: Mixture of organic amino acid and imidazoline derivative.

APPEARANCE: Moderately viscous clear amber liquid.

TYPICAL

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|--------------------|---|-------------|
| PROPERTIES: | Specific Gravity @ 25°C (ASTM D 4052) | 0.96 |
| | Flash Point, COC (ASTM D 92, DIN 51376) | >150°C |
| | Acid Value (KI-502) | 80 mg KOH/g |
| | pH (KI-250) | 7.4 |

Note: The above analytical data are not specifications.

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| APPLICATIONS: | Corrosion inhibitor booster for special applications | <u>Typical Treat Levels</u> 1.0% - 3.0% |
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K-CORR 1227 is designed to be used in combination with NA-SUL[®] corrosion inhibitors for especially demanding applications. **K-CORR 1227** improves salt fog and humidity corrosion resistance. It is highly recommended for applications where corrosive solids of combustion are deposited on metal surfaces. It is recommended to check **K-CORR 1227** for compatibility with other additives or chemicals that may contaminate the fluid in actual use. **K-CORR 1227 slowly solidifies at room temperature. This does not affect corrosion performance. To reincorporate solids, heat briefly to 60°C (140°F), with stirring. Alternatively, K-CORR 1227 containing solids may be added to the final formulation and heated to the above temperature at that time.**

ADVANTAGES:

- * Boosts performance of corrosion inhibitors for difficult applications
- * Effective at low treat levels
- * Excellent solubility in most oils
- * Improves humidity and salt fog performance

(see reverse side)

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SOLUBILITY: Soluble in petroleum and synthetic lubricant base stocks and most common solvents. These include naphthenic oils, Group I, II, and III paraffinic oils and low viscosity polyalphaolefin. It is recommended to verify the solubility in the base oils used and the compatibility with other additives. **K-CORR 1227** is slightly emulsifiable in hot water.

STANDARD PACKAGING: 430 lbs (195 kg) open 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). If solids form during storage, heat to 60°C (140°F) with stirring to restore homogeneity.

SHELF LIFE: Best if used within 3 years from the date of manufacture.

HANDLING AND TOXICITY: Avoid all personal contact. Observe good personal hygiene. For additional information, it is advised to consult the Safety Data Sheet (SDS) for **K-CORR 1227**.

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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