

# Product Data Sheet

## NA-LUBE<sup>®</sup> KR-023



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**NA-LUBE KR-023** is a unique base oil modifier offering excellent hydrolytic and thermo-oxidative stability. It is recommended for high temperature and extreme low volatility applications

### CHEMICAL

**COMPOSITION:** Proprietary alkylated aromatic.

**APPEARANCE:** Light amber liquid.

### TYPICAL

#### PROPERTIES:

#### Lot #753-13

Viscosity @ 40°C (ASTM D 445, DIN 51 550)	193 mm <sup>2</sup> /s (cSt)
Viscosity @ 100°C (ASTM D 445, DIN 51 550)	19.8 mm <sup>2</sup> /s (cSt)
Viscosity Index (Calculated)	118
Density @ 25°C (ASTM D 4052)	0.875 g/ml
Weight Per Gallon @ 25°C	7.29 lbs.
Flash Point, COC (ASTM D 92, DIN 51 376)	320°C (578°F)
Pour Point (ASTM D 97)	-21°C (-5.8°F)

Note: The above analytical data are not specifications.

**APPLICATIONS:**

Vacuum Fluids	Compressor Oils
Grease	Gear Oils
High Temperature Turbine Oils	Refrigeration Oils
Other High Performance Applications	

**NA-LUBE KR-023** is a synthetic alkyl aromatic additive with excellent thermal and hydrolytic stability and extremely low volatility. The recommended treat level of **NA-LUBE KR-023** as a modifier is between 5.0% and 15.0% depending on the application. **NA-LUBE KR-023** can also be used as a major base fluid for high temperature and vacuum applications requiring exceptional thermo-oxidative stability, solubility and lubricity.

**ADVANTAGES:**

- \* Low volatility
- \* Improves additive response
- \* Excellent thermal stability
- \* Excellent hydrolytic stability

(see reverse side)

## NA-LUBE® KR-023

**SOLUBILITY:** Soluble in petroleum and synthetic lubricant base stocks and most common solvents. Insoluble in water. However, it is recommended that the solubility in the base oils used and the compatibility with other additives be verified.

**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:** Minimum of 24 months from the date of manufacture, when stored at the above conditions in the original container.

**HANDLING:** Avoid all personal contact. Observe good personal hygiene. For additional information, it is advised to consult the Material Safety Data Sheet (MSDS) for **NA-LUBE KR-023**.

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

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

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Revision date: 24 FEB 2005

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