**NA-LUBE® KR-023**

**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 mm²/s (cSt)
  - Viscosity @ 100°C (ASTM D 445, DIN 51 550) 19.8 mm²/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

**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.

King Industries, Inc.        King Industries International, Inc.
Science Road                Science Park 402,
Norwalk, CT 06852-0588      1098 XH Amsterdam
Tel: 203-866-5551           Tel: +31-20-723-1970
Fax: 203-866-0425           E-mail: info@kingintl.nl
E-mail: LAD@kingindustries.com

The conditions of your use and application of our products, technical assistance and information (whether verbal, written or by way of product evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. Such testing has not necessarily been done by King Industries, Inc. ("King"). The facts, recommendations and suggestions herein stated are believed to be reliable; however, no guaranty or warranty of their accuracy is made. EXCEPT AS STATED, THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE. KING SHALL NOT BE HELD LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES. Any statement inconsistent herewith is not authorized and shall not bind King. Nothing herein shall be construed as a recommendation to use any product(s) in conflict with patents covering any material or its use. No license is implied or granted under the claims of any patent. Sales or use of all products are pursuant to Standard Terms and Conditions stated in King sales documents.