

# Product Data Sheet

## NA-LUBE<sup>®</sup> KR-015FG



Science Road  
Norwalk, CT 06852  
(800) 431-7900  
Fax: (203) 866-0425  
E-Mail: lad@kingindustries.com

**NA-LUBE KR-015FG** is a specialty HX-1 approved food grade base oil modifier for high performance lubricants and greases offering outstanding solubility plus excellent hydrolytic and thermo-oxidative stability.

### CHEMICAL

**COMPOSITION:** Proprietary alkylated aromatic.

**APPEARANCE:** Light amber liquid.

### TYPICAL

<b>PROPERTIES:</b>	Viscosity @ 40°C (ASTM D 445, DIN 51 550)	114 mm <sup>2</sup> /s (cSt)
	Viscosity @ 100°C (ASTM D 445, DIN 51 550)	13.5 mm <sup>2</sup> /s (cSt)
	Viscosity Index (Calculated)	110
	Pour Point (ASTM D 97)	-46.5°C
	Aniline Point (ASTM D 611)	84°C (183°F)
	Density @ 25°C (ASTM D 4052)	0.884 g/ml
	Weight Per Gallon @ 25°C	7.4 lbs.
	Flash Point, COC (ASTM D 92, DIN 51 376)	260°C (500°F)

Note: The above analytical data are not specifications.

**APPLICATIONS:** Food Grade Compressor Oils                      Food Grade Greases  
High Temperature Chain Lubricants                      Food Grade Hydraulic Fluids  
Other High Performance Food Grade Applications                      Food Grade Gear Oils

**NA-LUBE KR-015FG** is a synthetic alkyl aromatic base oil modifier with excellent thermal and hydrolytic stability. **NA-LUBE KR-015FG** can be used as a solubility modifier in formulations blended with White Oils or Synthetic base stocks to enhance additive response. The recommended treat level of **NA-LUBE KR-015FG** as a solubility modifier is between 10.0% and 30.0% depending on the application. **NA-LUBE KR-015FG** can also be used as a major base fluid for high temperature applications requiring exceptional thermo-oxidative stability.

**ADVANTAGES:**

- \* NSF HX-1 Registered
- \* Complies FDA 21 CFR 178.3570
- \* Base oil solubility modifier
- \* Improves additive response
- \* Excellent thermal stability
- \* Excellent hydrolytic stability
- \* Good Lubricity & Seal Swell Properties

(see reverse side)

# NA-LUBE® KR-015FG

- SOLUBILITY:** Soluble in petroleum and synthetic lubricant base stocks, mineral-based lubricants (White oils), 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-015FG**.
- 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.  
Science Road  
Norwalk, CT 06852-0588  
Tel: 203-866-5551  
Fax: 203-866-0425  
E-mail: LAD@kingindustries.com

King Industries International, Inc.  
Noordkade 64, 2741 EZ Waddinxveen  
The Netherlands  
Tel: +31-182-631360  
Fax: +31-182-621002  
E-mail: info@kingintl.nl

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