

# Product Data Sheet

## NA-LUBE® KR-015FG



Nonfood Compounds  
(Category Code: HX-1)  
(Registration #140436)



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**NA-LUBE KR-015FG** is a specialty HX-1 approved base oil modifier for high performance food grade lubricants and greases offering outstanding solubility plus excellent hydrolytic and thermo-oxidative stability. NA-LUBE KR-015FG is compliant with the EU Ecolabel criteria and is included on the LuSC-List for use in lubricants and greases.

### CHEMICAL

**COMPOSITION:** Proprietary alkylated aromatic.

**APPEARANCE:** Light amber liquid.

### TYPICAL

<b>PROPERTIES:</b>	Viscosity @ 40°C (ASTM D445, DIN 51 550)	119 mm <sup>2</sup> /s (cSt)
	Viscosity @ 100°C (ASTM D445, DIN 51 550)	12.8 mm <sup>2</sup> /s (cSt)
	Viscosity Index (Calculated)	100
	Pour Point (ASTM D97)	-39°C (-38°F)
	Aniline Point (ASTM D611)	94°C (201°F)
	Density @ 25°C (ASTM D4052)	0.884 g/ml
	Weight Per Gallon @ 25°C	7.4 lbs.
	Flash Point, COC (ASTM D92, DIN 51 376)	260°C (500°F)

Note: The above analytical data are not specifications.

<b>APPLICATIONS:</b>	Food Grade Compressor Oils	Food Grade Greases
	High Temperature Chain Lubricants	Food Grade Hydraulic Fluids
	EU Ecolabel Lubricants and Greases	
	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:**

- \* Compliant with FDA 21 CFR 178.3570
- \* Base oil solubility modifier
- \* Improves additive response
- \* Excellent thermal stability
- \* Excellent hydrolytic stability
- \* Good Lubricity & Seal Swell Properties
- \* LuSC-List approved for the use in EU Ecolabel formulations

(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 3 years 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 Safety Data Sheet (SDS) for **NA-LUBE KR-015FG**.

**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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