

# NA-LUBE<sup>®</sup> KR-019

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**NA-LUBE KR-019** is a unique additive & base oil modifier offering excellent hydrolytic and thermo-oxidative stability. It is recommended for higher temperature applications.

## CHEMICAL

**COMPOSITION:** Proprietary alkylated aromatic.

**APPEARANCE:** Light amber liquid.

## TYPICAL

<b>PROPERTIES:</b>	Viscosity @ 40°C (ASTM D445, DIN 51 550)	175 mm <sup>2</sup> /s (cSt)
	Viscosity @ 100°C (ASTM D445, DIN 51 550)	18.2 mm <sup>2</sup> /s (cSt)
	Viscosity Index (Calculated)	115
	Pour Point (ASTM D97)	-26°C (-5.8°F)
	Aniline Point (ASTM D611)	103°C (217°F)
	Density @ 25°C (ASTM D4052)	0.875 g/ml
	Weight Per Gallon @ 25°C	7.29 lbs.
	Flash Point, COC (ASTM D92, DIN 51 376)	285°C (545°F)

Note: The above analytical data are not specifications.

**APPLICATIONS:** Greases  
Crankcase Oils  
High Temperature Turbine Oils  
Other High Performance Applications  
Compressor Oils  
Gear Oils  
Refrigeration Oils

**NA-LUBE KR-019** is a synthetic alkyl aromatic additive with excellent thermal and hydrolytic stability. **NA-LUBE KR-019** can be used as a solubility modifier in formulations blended with low polarity base oils or severely hydrotreated base stocks to enhance additive response. The recommended treat level of **NA-LUBE KR-019** as a solubility modifier is between 5.0% and 15.0% depending on the application. **NA-LUBE KR-019** can also be used as a major base fluid for high temperature applications requiring exceptional thermo-oxidative stability.

**ADVANTAGES:**

- \* Excellent thermal stability
- \* Excellent hydrolytic stability
- \* Base oil solubility modifier
- \* Improves additive response

(see reverse side)

# NA-LUBE® KR-019

- 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 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-019**.
- 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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Revision date: 01 FEB 2024

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