

NA-LUBE[®] KR-019

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

PROPERTIES:	Viscosity @ 40°C (ASTM D 445, DIN 51 550)	177 mm ² /s (cSt)
	Viscosity @ 100°C (ASTM D 445, DIN 51 550)	18.7 mm ² /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)	285°C (545°F)
	Pour Point (ASTM D 97)	-26°C (-5.8°F)

Note: The above analytical data are not specifications.

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

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)

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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-019**.

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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