NA-LUBE KR-009 is a low viscosity and low volatility alkylated naphthalene for high performance lubricants offering outstanding solubility plus excellent hydrolytic and thermo-oxidative stability.

**CHEMICAL COMPOSITION:** Proprietary alkylated naphthalene.

**APPEARANCE:** Light amber liquid.

**TYPICAL PROPERTIES:**

- Viscosity @ 40°C (ASTM D 445, DIN 51 550): 36 mm²/s (cSt)
- Viscosity @ 100°C (ASTM D 445, DIN 51 550): 5.6 mm²/s (cSt)
- Viscosity Index (Calculated): 90
- Density @ 25°C (ASTM D 4052): 0.90 g/ml
- Weight Per Gallon @ 25°C: 7.5 lbs.
- Flash Point, COC (ASTM D 92, DIN 51 376): 240°C (464°F)
- Pour Point (ASTM D 97): -36°C (-32°F)
- Noack Volatility, % Loss (ASTM D 6375): 7.7 wt%

Note: The above analytical data are not specifications.

**APPLICATIONS:**

- Aviation Hydraulic Fluids
- Compressor Oils
- Crankcase Oils
- Gear Oils
- High Temperature Turbine Oils
- Greases
- Other High Performance Applications
- Refrigeration Oils

NA-LUBE KR-009 is a synthetic alkyl aromatic fluid with excellent thermo-oxidative and hydrolytic stability. It is recommended for use in synthetic lubricant applications requiring high stability and enhanced performance under severe operating conditions. The recommended treat level of NA-LUBE KR-009 as a solubility modifier and as a performance enhancer is between 5.0% and 40.0% depending on the application.

**ADVANTAGES:**

- Low viscosity and low volatility
- Excellent solubility and performance enhancement
- Improves additive response
- Excellent thermo-oxidative stability
- Excellent hydrolytic stability

(see reverse side)
NA-LUBE® KR-009

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-009.

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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