

Product Data Sheet

NA-LUBE[®] KR-008



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NA-LUBE KR-008 is a specialty synthetic fluid for high performance lubricants offering outstanding solubility plus excellent hydrolytic and thermo-oxidative stability.

CHEMICAL

COMPOSITION: Proprietary alkylated aromatic.

APPEARANCE: Light amber liquid.

TYPICAL

| | | |
|--------------------|--|------------------------------|
| PROPERTIES: | Viscosity @ 40°C (ASTM D 445, DIN 51 550) | 36 mm ² /s (cSt) |
| | Viscosity @ 100°C (ASTM D 445, DIN 51 550) | 5.6 mm ² /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) | 236°C (457°F) |
| | Pour Point (ASTM D 97) | -33°C (-27°F) |

Note: The above analytical data are not specifications.

| | | |
|----------------------|-------------------------------------|--------------------|
| APPLICATIONS: | Aviation Hydraulic Fluids | Compressor Oils |
| | Crankcase Oils | Gear Oils |
| | GTL Oils Modifier | Greases |
| | High Temperature Turbine Oils | Refrigeration Oils |
| | Other High Performance Applications | |

NA-LUBE KR-008 is a synthetic alkyl aromatic synthetic fluid with excellent thermo-oxidative and hydrolytic stability. **NA-LUBE KR-008** can be used as a solubility modifier in formulations blended with low polarity base oils or severely hydrotreated base stocks to enhance performance and additive response. The recommended treat level of **NA-LUBE KR-008** as a solubility modifier and as a performance enhancer is between 5.0% and 40.0% depending on the application.

ADVANTAGES:

- * **Non-polar base oil modifier for solubility and performance enhancement**
- * **Improves additive response**
- * **Excellent thermo-oxidative stability**
- * **Excellent hydrolytic stability**

(see reverse side)

NA-LUBE[®] KR-008

- 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-008**.
- 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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