

Product Data Sheet



NA-LUBE[®] KR-006FG



Nonfood Compounds
(Category Code: HX-1)
(Registration #143717)

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NA-LUBE KR-006FG 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-006FG** 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

PROPERTIES:	Viscosity @ 40°C (ASTM D445, DIN 51 550)	35 mm ² /s (cSt)
	Viscosity @ 100°C (ASTM D445, DIN 51 550)	5.3 mm ² /s (cSt)
	Viscosity Index (Calculated)	75
	Aniline Point (ASTM D611)	42°C (108°F)
	Density @ 25°C (ASTM D4052)	0.90 g/ml
	Weight Per Gallon @ 25°C	7.5 lbs.
	Flash Point, COC (ASTM D92, DIN 51 376)	224°C (435°F)
	Pour Point (ASTM D97)	-33°C (-27°F)

Note: The above analytical data are not specifications.

APPLICATIONS: 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-006FG is a synthetic alkyl aromatic base oil modifier with excellent thermal and hydrolytic stability. **NA-LUBE KR-006FG** 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-006FG** as a solubility modifier is between 10.0% and 30.0% depending on the application. **NA-LUBE KR-006FG** 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 Ecolabel formulations

(see reverse side)

NA-LUBE® KR-006FG

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-006FG**.

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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