

Product Data Sheet

NA-LUBE[®] KR-029FG



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Nonfood Compounds
(Category Code: HX-1)
(Registration #141220)

NA-LUBE KR-029FG is a specialty HX-1 approved base oil modifier for high performance food grade lubricants and greases offering excellent solubility and hydrolytic and thermo-oxidative stability. It is recommended for higher temperature applications. **NA-LUBE KR-029FG** 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)	175 mm ² /s (cSt)
	Viscosity @ 100°C (ASTM D445, DIN 51 550)	18.2 mm ² /s (cSt)
	Viscosity Index (Calculated)	115
	Aniline Point (ASTM D611)	103°C (217°F)
	Pour Point (ASTM D97)	-26°C (-15°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	Compressor Oils
Crankcase Oils	Gear Oils
High Temperature Turbine Oils	Refrigeration Oils
EU Ecolabel Lubricants and Greases	
Other High Performance Applications	

NA-LUBE KR-029FG is a synthetic alkyl aromatic additive with excellent thermal and hydrolytic stability. **NA-LUBE KR-029FG** 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-029FG** as a solubility modifier is between 5.0% and 15.0% depending on the application. **NA-LUBE KR-029FG** 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
- * Compliant with FDA 21 CFR 178.3570
- * Base oil solubility modifier
- * Improves additive response
- * LuSC-List Approved for use in EU Ecolabel formulations

(see reverse side)

NA-LUBE® KR-029FG

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-029FG**.

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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