

Product Data Sheet

NA-LUBE[®] EP-5218



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NA-LUBE EP-5218 is a light colored, low odor sulfurized fatty acid ester with excellent extreme pressure properties.

CHEMICAL

COMPOSITION: Sulfurized fatty acid ester.

APPEARANCE: Light brown clear liquid.

TYPICAL

PROPERTIES:	Sulfur Content	18.0%
	Active Sulfur Content (ASTM D 1662)	6.0%
	Color (ASTM D 1500 neat)	3.5
	Viscosity @ 40°C (ASTM D 445, DIN 51 550)	50.0 mm ² /s (cSt)
	Density @ 20.0°C (ASTM D 941)	1.00 g/ml
	Weight Per Gallon @ 25°C	8.32 lbs.
	Flash Point, COC (ASTM D 92, DIN 51 376)	180°C (356°F)

Note: The above analytical data are not specifications.

		<u>Typical Treat Levels</u>
APPLICATIONS:	Metalworking Fluids	4.0% - 10.0%
	Water Miscible Metalworking Concentrates	5.0% - 20.0%
	Industrial Gear Oils	1.0% - 1.2%

NA-LUBE EP-5218 is a low odor, light colored sulfur carrier based on fatty acid ester chemistry. The unique chemistry gives it excellent solubility in severely hydrotreated mineral oils, polyalphaolefins and ester basestocks for industrial lubricants and neat metalworking fluids. When used in combination with appropriate metal-containing or ashless phosphorus-containing antiwear or lubricity additives, **NA-LUBE EP-5218** provides excellent extreme pressure properties and offers an alternative to chlorinated paraffins in metalworking fluids, especially for heavy duty cutting operations.

- ADVANTAGES:**
- * **Good extreme pressure properties**
 - * **Light color, low odor**
 - * **Easy handling, low viscosity**
 - * **Excellent solubility in Group I, II and III oils.**

(see reverse side)

NA-LUBE[®] EP-5218

TEST RESULTS: Technical reports are available from King Industries and can be requested by contacting the offices shown below.

SOLUBILITY: Soluble in petroleum and synthetic lubricant base stocks and most common solvents. Insoluble in water. However, it is recommended to verify the solubility in the base oils used and the compatibility with other additives.

STANDARD PACKAGING: 441 lbs (200 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: 30°C (86°F)

SHELF LIFE: Best if used within 1 year from the date of manufacture.

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 EP-5218**.

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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