

NA-LUBE EP-5216 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	16.0%
	Active Sulfur Content (ASTM D 1662)	5.0%
	Color (ASTM D 1500 neat)	3.5
	Viscosity @ 40°C (ASTM D 445, DIN 51 550)	45.0 mm ² /s (cSt)
	Density @ 20°C (ASTM D 941)	0.99 g/ml
	Weight Per Gallon @ 25°C	8.24 lbs.
	Flash Point, COC (ASTM D 92, DIN 51 376)	170°C (338°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%
Slideway Oils	1.0% - 5.0%

NA-LUBE EP-5216 is a unique low odor, light colored sulfur carrier based on fatty acid ester chemistry. **NA-LUBE EP-5216** provides excellent extreme pressure and antiwear properties when used in combination with appropriate antiwear additives in mineral oil, synthetic base fluids and greases. **NA-LUBE EP-5216** is highly suitable for heavy duty drilling and cutting operations. **NA-LUBE EP-5216's** unique chemistry gives it outstanding solubility characteristics in severely hydrotreated mineral oils, polyalphaolefins, and synthetic diesters. When used in combination with ash-containing or ashless phosphorus-type antiwear and lubricity additives, **NA-LUBE EP-5216** is an outstanding alternative to chlorinated paraffins in metalworking fluids.

- ADVANTAGES:**
- * **Good extreme pressure properties**
 - * **Light color, low odor**
 - * **Usable with ferrous and non-ferrous metals**
 - * **Easy handling, low viscosity**
 - * **Excellent solubility properties in Group I and II oils**

(see reverse side)

NA-LUBE[®] EP-5216

TEST RESULTS: Technical reports are available from King Industries and can be request 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 Material Safety Data Sheet (MSDS) for **NA-LUBE EP-5216**.

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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