

Product Data Sheet



NA-LUBE® EP-5218

Science Road
Norwalk, CT 06852
(800) 431-7900
Fax: (203) 866-0425
E-Mail: lad@kingindustries.com

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	17.4%
	Active Sulfur Content (ASTM D1662)	6.0%
	Color (ASTM D1500 neat)	3.5
	Viscosity @ 40°C (ASTM D445, DIN 51 550)	50.0 mm ² /s (cSt)
	Density @ 20.0°C (ASTM D941)	1.00 g/ml
	Weight Per Gallon @ 25°C	8.32 lbs.
	Flash Point, COC (ASTM D92, 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 18 months 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.

WWW.KINGINDUSTRIES.COM

Global Headquarters

Tech. Services, R&D and Sales

King Industries, Inc.
Science Road
Norwalk, CT 06852-0588
Tel: 203-866-5551
Fax: 203-866-0425

European Tech. Sales Office

King Industries International, Inc.
Science Park 402
1098 XH Amsterdam
The Netherlands
Tel: +31-20-723-1970

China Sales Office

Dalian Mingruida Technical Consulting Co., Ltd
Building 51, 20 Shuxiang Street
Dalian, China
Tel: +86-15941108485

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