

# Product Data Sheet

## NA-LUBE<sup>®</sup> EP-5425

SAMPLE REQUEST



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**NA-LUBE EP-5425** is a light colored, low odor sulfurized olefin/fatty oil with excellent extreme pressure properties for use in industrial lubricants, greases and metalworking fluids.

### CHEMICAL

**COMPOSITION:** Sulfurized olefin/fatty oil.

**APPEARANCE:** Brown clear liquid.

### TYPICAL

<b>PROPERTIES:</b>	Sulfur Content	27.0%
	Active Sulfur Content (ASTM D 1662)	17.0%
	Color (ASTM D 1500 neat)	4.0
	Viscosity @ 40°C (ASTM D 445, DIN 51 550)	715 mm <sup>2</sup> /s (cSt)
	Density @ 15°C (ASTM D 941)	1.04 g/ml
	Weight Per Gallon @ 25°C	8.7 lbs.
	Flash Point, COC (ASTM D 92, DIN 51 376)	>160°C (>320°F)

Note: The above analytical data are not specifications.

	<u>Typical Treat Levels</u>
<b>APPLICATIONS:</b> Metalworking Fluids	4.0% - 15.0%
Water Miscible Metalworking Concentrates	5.0% - 20.0%
Industrial Gear Oils	1.0% - 2.0%
Slideway Oils	1.0% - 5.0%
Greases	2.0% - 5.0%

**NA-LUBE EP-5425** is a low odor, light colored sulfur carrier based on olefin/fatty oil chemistry. **NA-LUBE EP-5425** provides excellent extreme pressure and antiwear properties when used in combination with appropriate antiwear additives in mineral oils and greases. **NA-LUBE EP-5425** is highly suitable for heavy duty drilling and cutting operations.

**NA-LUBE EP-5425's** unique chemistry gives it outstanding solubility in naphthenic, Group I and II base oils. When used in combination with metal-containing or ashless phosphorus-type antiwear and lubricity additives, **NA-LUBE EP-5425** is an outstanding alternative to chlorinated paraffins in metalworking fluids.

(see reverse side)

# NA-LUBE<sup>®</sup> EP-5425

- ADVANTAGES:**
- \* **Good extreme pressure properties**
  - \* **Light color, low odor**
  - \* **Compatible with ZnDTP's**
  - \* **Easy handling, low viscosity**
  - \* **Good solubility properties in Group I and Group II base oils**
- 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:** 440 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-5425**.
- 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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