

Product Data Sheet

NA-SUL[®] 707



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NA-SUL 707 is a low ash rust inhibitor offering good high temperature stability in lubricating oils and greases. It may retard bleeding of lithium soap greases.

CHEMICAL

COMPOSITION: Lithium dinonylnaphthalenesulfonate in light mineral oil.

APPEARANCE: Clear brown viscous liquid.

TYPICAL

PROPERTIES:	Lithium Content	0.76%
	Viscosity @ 40°C (ASTM D 445, DIN 51 550)	2100 mm ² /s (cSt)
	Viscosity @ 100°C (ASTM D 445, DIN 51 550)	63 mm ² /s (cSt)
	Density @ 15.6°C (ASTM D 4052)	0.97 g/ml
	Weight Per Gallon @ 25°C	8.1 lbs
	Flash Point, COC (ASTM D 92, DIN 51 376)	165°C (329°F)

Note: The above analytical data are not specifications.

APPLICATIONS: Rust Preventive Fluids
Lithium Greases

Typical Treat Levels

1.00% - 15.0%
0.50% - 3.0%

NA-SUL 707 is a very low ash rust and corrosion inhibitor for lubricating oils and greases. It is ideally suited for formulating lithium soap greases where excellent anti-bleed and penetration stability properties are required. **NA-SUL 707** also offers very good high temperature stability in synthetic lubricants such as those based on diesters.

ADVANTAGES:

- * **Excellent rust inhibitor**
- * **Retards bleeding in lithium soap greases**
- * **Excellent grease penetration stability**
- * **Easy handling**
- * **Excellent solubility in synthetic and highly paraffinic base stocks**

(see reverse side)

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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: 46°C (115°F)

SHELF LIFE: Best if used within 3 years 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-SUL 707**.

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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