

Product Data Sheet

NA-LUBE® AW-6330



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NA-LUBE AW-6330 is a multifunctional ashless additive for industrial and automotive lubricants, greases, and metalworking fluids. **NA-LUBE AW-6330** exhibits excellent extreme pressure and antiwear properties. Additionally, it imparts antioxidation properties to lubricants and greases.

CHEMICAL

COMPOSITION: Proprietary preparation of phosphorus-sulfur containing chemistry.

APPEARANCE: Clear amber moderately viscous liquid.

TYPICAL

PROPERTIES:	Sulfur Content	10.6%
	Phosphorus Content	5.1%
	Color (ASTM D1500 neat)	1.5
	Viscosity @ 40°C (ASTM D445, DIN 51 550)	20 mm ² /s (cSt)
	Viscosity @ 100°C (ASTM D445, DIN 5 1550)	3 mm ² /s (cSt)
	Density @ 25°C (ASTM D4052)	1.01 g/ml
	Weight Per Gallon @ 25°C	8.4 lbs
	Mineral Oil Content	none
	Flash Point, COC (ASTM D92, DIN 51376)	163°C (325°F)

Note: The above analytical data are not specifications.

		<u>Typical Treat Levels</u>
APPLICATIONS:	Hydraulic Fluids	0.15% - 1.0%
	Circulating Oils	0.15% - 1.0%
	Paper Machine Oils	0.20% - 1.5%
	Industrial and Automotive Gear Oils	0.30% - 1.5%
	Metalworking Fluids	0.20% - 6.0%

NA-LUBE AW-6330 is a multifunctional ashless lubricant additive exhibiting excellent extreme pressure, antiwear, and antioxidation properties. **NA-LUBE AW-6330** can be used as an alternative to zinc dialkyldithiophosphates as an antiwear additive in hydraulic oil and industrial gear formulations. For formulating metalworking fluids, it is recommended to use **NA-LUBE AW-6330** in conjunction with light color, low-odor, sulfur carriers such as King Industries' NA-LUBE® EP-5000 Series.

(see reverse side)

NA-LUBE® AW-6330

ADVANTAGES:

- * **Ashless multifunctional lubricant additive**
- * **Outstanding extreme pressure/antiwear performance**
- * **Good antioxidation properties**
- * **Good solubility in mineral oils and synthetic base stocks**

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: 450 lbs (204 kg) closed head drum.

STORAGE CONDITIONS: Store in a cool dry place away from any direct sources of heat and moisture. Maximum recommended storage temperature: 46°C (115°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 AW-6330**.

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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