

Product Data Sheet

NA-LUBE[®] AW-6330 (Formerly KX1169)



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NA-LUBE AW-6330 is an 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	10.0%
	Phosphorus Content	4.5%
	Color (ASTM D 1500 neat)	2.5-3.5
	Viscosity @ 40°C (ASTM D 445, DIN 51 550)	18.2 mm ² /s (cSt)
	Viscosity @ 100°C (ASTM D 445, DIN 5 1550)	2.8 mm ² /s (cSt)
	Density @ 25°C (ASTM D 4052)	1.01 g/ml
	Weight Per Gallon @ 25°C	8.4 lbs
	Mineral Oil Content	none
	Flash Point, COC (ASTM D 92, DIN 51376)	163°C (325°F)

Note: The above data are not specifications. Supplying the information shown in this data sheet does not obligate King Industries to manufacture this product commercially.

		<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 a substitute for zinc dialkyldithio- phosphates. 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. **NA-LUBE AW-6330** can also be used as an antiwear additive in hydraulic oil and industrial gear formulations.

(see reverse side)

NA-LUBE® AW-6330
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ADVANTAGES:

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

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: 418 lbs (190 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 Material Safety Data Sheet (MSDS) for **NA-LUBE AW-6330**.

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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