

Product Data Sheet

NA-LUBE[®] AW-6110



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NA-LUBE AW-6110 is an ashless rust inhibitor and antiwear additive.

CHEMICAL

COMPOSITION: Amine salts of aliphatic phosphoric acid esters.

APPEARANCE: Light yellow viscous liquid.

TYPICAL

PROPERTIES:	Nitrogen Content	1.8%
	Phosphorus Content	8.2%
	Viscosity @ 40°C (ASTM D 445, DIN 51 550)	448 mm ² /s (cSt)
	Viscosity @ 100°C (ASTM D 445, DIN 51 550)	35 mm ² /s (cSt)
	Density @ 15.6°C (ASTM D 4052)	0.97 g/ml
	Weight Per Gallon @ 25°C	8.06 lbs
	Flash Point, COC (ASTM D 92, DIN 51 326)	> 100°C (212°F)

Note: The above analytical data are not specifications.

	<u>Typical Treat Levels</u>
APPLICATIONS: Metalworking Fluids	0.10% - 2.00%
Industrial Gear Oils	0.10% - 1.00%
Compressor Oils	0.10% - 0.50%
Turbine Oils	0.10% - 0.50%
Ashless Hydraulic Oils	0.10% - 0.50%
Rust and Oxidation Oils	0.10% - 0.50%

NA-LUBE AW-6110 is an ashless multifunctional additive that provides excellent antirust, antiwear and EP properties. **NA-LUBE AW-6110** is especially suited for formulating ashless lubricants that require high load carrying capacity (FZG) and rust protection at low treat levels. **NA-LUBE AW-6110** combined with a light colored, low odor sulfur carrier, such as NA-LUBE EP-5216, is a suitable alternative to chlorinated paraffins for use in metalworking fluids.

ADVANTAGES:

- * Multifunctional additive with excellent antirust, AW and EP properties
- * Light color, low odor
- * Easy to handle
- * Excellent solubility properties

(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: 430 lbs (195 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 12 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-6110**.

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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