

Product Data Sheet

NA-LUBE[®] AW-6400FG



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Nonfood Compounds
(Category Code: HX-1)
(Registration #141635)

SAMPLE REQUEST

NA-LUBE AW-6400FG is an ashless rust and corrosion inhibitor and antiwear additive.

CHEMICAL

COMPOSITION: Amine salts of aliphatic phosphoric acid esters.

APPEARANCE: Light yellow viscous liquid.

TYPICAL

PROPERTIES:	Nitrogen Content	2.4 %
	Phosphorus Content	8.3%
	Viscosity @ 40°C (ASTM D 445, DIN 51 550)	1400 mm ² /s (cSt)
	Viscosity @ 100°C (ASTM D 445, DIN 51 550)	72 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)	> 120°C (248°F)

Note: The above analytical data are not specifications.

	<u>Typical Treat Levels</u>
APPLICATIONS:	
Industrial Gear Oils	0.10% - 0.50%
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%
Vacuum oils	0.10% - 0.50%

NA-LUBE AW-6400FG is an NSF HX-1 approved multifunctional additive that provides excellent anticorrosion, antiwear and EP properties. **NA-LUBE AW-6400FG** is especially suited for formulating food grade lubricants that require high load carrying capacity (FZG) and rust protection at low treat levels.

ADVANTAGES:

- * **Compliance with the Food and Drug Administration Regulation 21 CFR 178.3570 up to a treat level of 0.5% by weight**
- * **Multifunctional additive with anticorrosion, AW and EP properties**
- * **Light color, low odor**
- * **Easy to handle**
- * **Excellent solubility properties**

(See reverse side)

NA-LUBE[®] AW-6400FG

TEST RESULTS: Technical reports are available from King Industries and can be requested by contacting the offices shown below.

SOLUBILITY: Soluble in all common food grade 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-6400FG**.

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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