NA-LUBE® AW-6509 is an ashless antiwear and extreme pressure additive for industrial and automotive lubricants.

CHEMICAL COMPOSITION: Triphenyl phosphorothionate.

APPEARANCE: White powder.

TYPICAL PROPERTIES:
- Sulfur Content: 9.3%
- Phosphorus Content: 8.9%
- Melting Point (DSC): 52°C
- Purity (HPLC): 98.5% min.
- Volatile (Gravimetric): 0.5% max.
- Density @ 25°C (ASTM D 2638): 1.19 g/cm³
- Flash Point (Pensky Martens): > 200°C

Note: The above analytical data are not specifications.

APPLICATIONS:
- Antiwear hydraulic fluids: 0.20% - 1.00%
- Greases: 0.20% - 1.00%
- Synthetic lubricants: 0.20% - 1.00%
- Engine Oils: 0.30% - 1.00%

NA-LUBE AW-6509 is an ashless multifunctional additive that provides excellent antiwear and EP properties to mineral oil and most synthetic lubricants. NA-LUBE AW-6509 is especially suited for formulating ashless lubricants that require high temperature performance. NA-LUBE AW-6509 has better antiwear and frictional properties than a secondary ZnDTP and is not aggressive toward copper.

ADVANTAGES:
* Excellent thermal and hydrolytic stability
* Offers low coefficient of friction
* Compliant with the Food and Drug Administration Regulation 21 CFR 178.3570 up to a treat level of 0.5% by weight
* Shows synergy in FZG performance with NA-LUBE AW-6400 FG
* Responds synergistically with K-CORR 100 series to four ball wear performance.

(see reverse side)
NA-LUBE AW-6509

SOLUBILITY: Soluble in mineral oil up to 2.0%. Soluble in water at less than 0.01%. However, it is recommended to verify the solubility in the base oils used and the compatibility with other additives.

STANDARD PACKAGING: 55 lbs (25 kg) cartons.

STORAGE CONDITIONS: Store in a cool, dry and well-ventilated place away from any direct source of heat and moisture. Maximum recommended storage temperature: 46ºC (115ºF)

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-6509.

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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