NA-LUBE® AW-6310 is an ashless multifunctional additive for industrial and automotive lubricants and greases. NA-LUBE AW-6310, when used at very low treat levels, exhibits excellent extreme pressure and antiwear properties as determined with the FZG test rig. Additionally, NA-LUBE AW-6310 imparts outstanding steel corrosion protection and demulsibility to lubricants based on Group I, II and synthetic base stocks.

CHEMICAL COMPOSITION: Proprietary preparation of sulfur-phosphorus-nitrogen containing chemistry.

APPEARANCE: Clear amber moderately viscous liquid.

TYPICAL PROPERTIES:

- Sulfur Content: 9.1%
- Phosphorus Content: 4.2%
- Nitrogen Content: 3.0%
- Viscosity @ 40°C (ASTM D 445, DIN 51550): 173 mm²/s (cSt)
- Viscosity @ 100°C (ASTM D 445, DIN 51550): 14 mm²/s (cSt)
- Density @ 15.6°C (ASTM D 4052): 0.994 g/ml
- Weight Per Gallon @ 25°C: 8.26 lbs
- Mineral Oil Content: none
- Flash Point, COC (ASTM D 92, DIN 51376): 130°C (266°F)

Note: The above analytical data are not specifications.

APPLICATIONS:

- Metalworking Fluids: 0.20% - 1.0%
- Hydraulic Fluids: 0.15% - 0.5%
- Circulating Oils: 0.15% - 0.5%
- Paper Machine Oils: 0.20% - 1.0%
- Industrial and Automotive Gear Oils: 0.30% - 1.5%

NA-LUBE AW-6310 is a multifunctional ashless lubricant additive exhibiting excellent extreme pressure, antiwear, rust inhibiting and demulsification properties. By virtue of its specially selected raw materials, NA-LUBE AW-6310 is an excellent additive (when used in combination with well selected phenolic and aminic antioxidants) for formulating ashless high performance EP rust and oxidation oils, hydraulic oils, paper machine oils, circulating oils, industrial and automotive gear oils and greases. At a low treat level of 0.10 - 0.15% in a severely hydrotreated paraffinic ISO VG 46 base oil, NA-LUBE AW-6310 displays outstanding FZG performance (higher than 12 load stages). NA-LUBE AW-6310 can also be used for formulating chlorine-free metalworking fluids when used in combination with a NA-LUBE® EP-5000 Series product and a lubricity agent.

(see reverse side)
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