

UNP AH502B is a low Zinc containing hydraulic fluids package offering outstanding anti-wear, corrosion protection and antioxidant properties with low treatment rates.

TYPICAL PROPERTIES

Test Item	Typical Data	Method
Appearance	Brown, clear Liquid	-
Density, 20°C, g/cm ³	1.08	GB/T 1884-2000
Flash point, COC, °C	166	GB/T 3536-2008
Viscosity, 40°C, mm ² /s	162	GB/T 265-1988
Sulfur, wt, %	9.3	NB/SH/T 0824-2010
Phosphorus, wt, %	4.8	NB/SH/T 0824-2010
Zinc, wt, %	4.7	NB/SH/T 0824-2010
Calcium, wt, %	2.3	NB/SH/T 0824-2010

Note: The above analytical data are not specifications.

PERFORMANCE CHARACTERISTICS

- Excellent thermal stability, hydrolytic stability
- Good anti-oxidation property
- Excellent filtration even when extremely fine filters are used and tolerance to contamination
- Excellent wear protection and extended pump durability in vane and piston pumps
- Good solubility performance in wide range of base stocks

APPLICATION

- High-pressure anti-wear hydraulic fluids and premium performance hydraulic fluids with excellent filtration properties

Compliance Standards

- Denison HF-0 (T6H20C hybrid pump)
- AFNOR NF E 48-603 (HM, HV)
- DIN 51 524 Part 2 and 3 (HLP, HVLP)
- Eaton Vickers I-286-S (V-104 C)
- Eaton Vickers M-2950-S (35VQ25)
- Cincinnati Machine P-68, P-70, P-69

USAGE METHOD

- Soluble in mineral oil and synthetic base oil. Before adding, it is necessary to consider its solubility in the base oil and its compatibility with other additives.
- Recommended dosage is 0.6-0.8 by weight

PACKAGING AND STORAGE

Packaging	50kg or 200kg / Steel drum (Net weight)
Storage conditions	Store in a cool, dry and well-ventilated warehouse for approximately 18 months. No special protection is required

HANDLING INFORMATION

Avoid contact with skin, eyes and clothing. Operate in accordance with good industrial health and safety practices. Please refer to material safety data sheet (MSDS) for additional handling information on **UNPAH502B**.

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