

**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 <sup>3</sup>	1.08	GB/T 1884-2000
Flash point, COC, °C	166	GB/T 3536-2008
Viscosity, 40°C, mm <sup>2</sup> /s	162	GB/T 265-1988
Sulfur, wt, %	9.3	NB/SH/T 0824-2010
Phosphorus, wt, %	4.7	NB/SH/T 0824-2010
Zinc, wt, %	4.7	NB/SH/T 0824-2010
Calcium, wt, %	2.2	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**

<b>Packaging</b>	50kg or 200kg / Steel drum (Net weight)
<b>Storage conditions</b>	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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