

UNP AH502A is a zinc containing hydraulic fluids package with outstanding performance of anti-wear, anti-corrosion and anti-oxidation. Due to its high load carrying capacity, it can be used to formulate high performance hydraulic fluids with anti-wear reserve.

TYPICAL PROPERTIES

Test Item	Typical Data	Method
Appearance	Yellow, clear Liquid	-
Density, 20°C, g/cm ³	1.07	GB/T 1884-2000
Flash point, COC, °C	174	GB/T 3536-2008
Viscosity, 40°C, mm ² /s	143	GB/T 265-1988
Sulfur, wt, %	12.3	NB/SH/T 0824-2010
Phosphorus, wt, %	6.4	NB/SH/T 0824-2010
Zinc, wt, %	7.0	NB/SH/T 0824-2010

Note: The above analytical data are not specifications.

PERFORMANCE CHARACTERISTICS

- Excellent wear protection and extended pump durability in vane and piston pumps
- Excellent filterability, even in the presence of water and when extremely fine filters are used
- Excellent solubility in wide range of base stocks including mineral oil, synthetic oil and GTL base oil
- Outstanding anti-foaming property. No need for additional antifoam agent
- Excellent air release and demulsibility properties
- It can be used to produce light color HM hydraulic fluids

APPLICATION

- Anti-wear hydraulic fluids and R&O hydraulic fluids

Compliance Standards

- AFNOR NF E 48-603 (HM, HV)
- DIN 51 524 Part 2 and 3 (HLP, HVLP)
- Eaton Vickers I-286-S (V-104 C)
- 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. It can be used for both Group I and Group II base oil

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 **UNPAH502A**.

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