

UNP IG402B is an ashless additive package for high EP performance industrial gear oils.

TYPICAL PROPERTIES

Test Item	Typical Data	Method
Appearance	Light Brown, clear Liquid	-
Density, 20°C, g/cm ³	0.99	GB/T 1884-2000
Flash point, COC, °C	117	GB/T 3536-2008
Viscosity, 40°C, mm ² /s	16	GB/T 265-1988
Sulfur, wt, %	30.2	NB/SH/T 0824-2010
Phosphorus, wt, %	0.47	NB/SH/T 0824-2010
Nitrogen, wt, %	0.6	NB/SH/T 0224-1992

Note: The above analytical data are not specifications.

PERFORMANCE CHARACTERISTICS

- Outstanding EP performance: 1.8% dosage by weight can pass 80lbs(36.3Kg) for Timken OK load test
- Excellent anti-wear, anti-oxidation and anti-rust properties
- Good corrosion protection of steel and non-ferrous metals
- Outstanding load-carrying capacity. 1.8% dosage by weight can easily achieve above grade 12 for FZG test (A8.3/90°C)
- Good solubility performance in wide range of base stocks including hydro-treated solvent

APPLICATION

- High EP performance ashless Industry gear oils

Compliance Standards

- GB 5903-2011
- U.S. Steel 224, 223, 222
- SEB 181 226
- DIN 51517, part 3(CLP)
- AGMA 250.04(EP Gear oils)
- AGMA 9005-D94(EP Gear Oils)

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 1.8% by weight to meet U.S. Steel 224

PACKAGING AND STORAGE

Packaging	50kg or 200kg / Steel drum (Net weight)
Storage conditions	Store in a cool, dry and well-ventilated warehouse for approximately 24 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 **UNPIG402B**.

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