Additin® RC 9305  Additive Package

Description:
Ashless multifunctional oxidation, rust and wear inhibiting additive package - for antiwear hydraulic fluids according to: DIN 51524, part 2 and 3 (HLP, HVLP); ISO 6743/4 (HM, HV); SEB 181 222; AFNOR NF E 48-603 (HM, HV); SS 155434; VDMA 24318
- for compressor oil according to: DIN 51506 (VBL, VCL, VDL); ISO / DP 6521 (DAA, DAB, DAH, DAG)

Composition
Combination of phosphorus antiwear compounds with oxidation and corrosion inhibitors

Appearance
Light colored, clear liquid

Nitrogen
Approx. 3.1 % weight

Phosphorus
Approx. 1.0 % weight

Viscosity, 40°C (ASTM-D 445)
Approx. 120 mm²/s

Density, 20°C (ASTM-D 1298)
Approx. 980 kg/m³

Flash point, COC (ASTM-D 92)
Approx. 135°C

Mineral Oil Content
Approx. 5 % weight
**Application** - ashless high performance hydraulic and compressor oil package Additin RC 9305 is ideally suited for use in ashless hydraulic fluids and compressor oils. The following high performance demands have to be met:

- very high oxidation stability (extended service life)
- high load carrying capacity
- good demulsification
- good corrosion protection against steel and non-ferrous metals
- good filterability
- excellent thermal stability

The recommended treatment level of Additin RC 9305 is 0.5 % by weight for hydraulic fluids (HLP).

**Solubility**

Soluble in mineral oils and synthetic base oils. However, it is necessary to verify the solubility in the base oils used and the compatibility with other additives.