

# Spectrol Premium Anti-Wear Hydraulic Oils

**Description:**

Spectrol AW HO is fully formulated anti-wear hydraulic oil using refined base stocks designed for service in mobile and stationary high-pressure systems. Formulated with a stabilized zinc additive, which provides excellent anti-wear properties and good thermal and oxidative stability.

**Typical Applications:**

Spectrol AW HO is capable of meeting Denison HF-0, HF-2, Vickers I-286-S and general industrial specifications. Also acceptable for use when fluids requiring DIN 51524, Part 2, US Steel 136, 127, AFNOR E 49-603, Dennison HF-1, Cincinnati Milacron P-68, P-69, P-70 are specified. For use in high speed and high temperature paper machines, recommended use is ISO 46. Should not be used in silver containing pumps.

**Typical Physical Properties:**

ISO Grades	32	46	68
Density, lb/gal @ 60 °F	7.0	7.1	7.2
Specific Gravity @ 60 °F (15.6°C)	0.853	0.858	0.865
Viscosity, @ 40 °C, cSt	32.5	45	68
Viscosity, @ 100 °C, cSt	5.6	6.8	8.8
Viscosity Index	111	106	102
Flash Point (PMCC), °	>200	>200	>200
Pour Point °F	-10	-10	-5
Phosphorus (wt%)	0.038%	0.038%	0.038%
Zinc (wt%)	0.044%	0.044%	0.044%
TOST >5,000hrs (ASTM D943)	Pass	Pass	Pass