



**Imperial Premium**  
Anti-Wear Hydraulic Oils

**Description:**

- Imperial Anti-wear Hydraulic Oil with Re-refined Content

**Typical Applications:**

- Imperial AWHO is fully formulated anti-wear hydraulic oil using re-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.
- Imperial AWHO is suitable for applications calling for Denison HF-0, HF-2, Vickers I-286-S as well as many other general industrial specifications such as DIN 51524, Part 2, US Steel 136, 127, AFNOR E 49-603, Dennison HF-1, and Cincinnati Milacron P-68, P-69, P-70. For use in high speed and high temperature paper machines, recommended use is Imperial ISO 46. Should not be used in silver containing pumps.

**Physical Properties:**

<b>ISO Grade</b>	<b>32</b>	<b>46</b>	<b>68</b>
Pour Point, °F	-10	-10	-5
Specific Gravity @ 60°F (15.6°C)	0.853	0.858	0.865
Kinematic Viscosity @ 40°C, cSt	32.5	45	68
Kinematic Viscosity @ 100°C, cSt	5.6	6.8	8.8
Viscosity Index	111	106	102
Flash Point (PMCC), °C	>200	>200	>200
Density, lb/gal @ 60°F (15.6°C)	7.0	7.1	7.2

**“Success is in the Details”**