



ZINC-FREE ANTI-WEAR HYDRAULIC OIL

AMERICA'S CHOICE[®] Zinc-Free Anti-Wear Hydraulic Oil is the ideal solution for industrial and mobile hydraulic systems, especially where metal concentrations are a concern. Containing anti-wear and rust inhibiting additives, it remains stable when exposed to moisture and extreme temperatures. Our Zinc-free 46 meets Cincinnati Machine P-70, Denison HF-0, HF-1, HF-2, Vickers 35VQ25, Eaton/Vickers M-2950-S, I-286-S, V-104C, Ford M6C32, and General Motors LS-2 specifications.

Since America's Choice[®] is made from recycled and re-refined used motor oil, it satisfies recent Federal directives for government agencies to use recycled/recovered materials, including:

- Executive Order 13423, signed in 2007 by President Bush, mandates "in Federal agency acquisitions of goods and services use of sustainable environmental practices, including acquisition of bio-based, environmentally preferable, energy-efficient, water-efficient, and recycled-content products"
- Section 6002 of RCRA that requires federal agencies to "procure such items composed of the highest percentage of recovered materials practicable"
- Federal Regulation 23.4 that requires Federal Agencies to "use recovered materials to the maximum extent practicable"

TYPICAL PROPERTIES

PERFORMANCE PLUS [®]	ISO GRADE	32	46	68
Color		L 1.0	L 1.5	L 2.5
Specific Gravity 15.6°C (60°F)		0.858	0.862	0.868
Kinematic Viscosity				
cSt @ 40°C		31.9	44.6	64.6
cSt @ 100°C		5.6	6.9	8.9
Viscosity Index		115	112	111
Flash Point, °C		228	240	246
Pour Point, °C		-33	-30	-30
Zinc, µg/g		<2	<2	<2
Demulsibility D1401		Pass	Pass	Pass
Oxidation Stability D943, hrs		3000	3000	2500
Rust Characteristics D665, A & B		Pass	Pass	Pass
Copper Corrosion		1A	1A	1A

Note: Values shown above are representative of current production and may vary within modest ranges

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