



## Zinc-Free anti-Wear Hydraulic Oil

**US Global Petroleum 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.

TYPICAL PROPERTIES			
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

Typical test data are average values only. Minor variations, which do not affect performance, may occur.

MADE IN   
THE U.S.A.

HANDLING AND SAFETY INFORMATION - Refer to USGLOBAL (MSDS) Material Safety Data Sheets for proper handling and safety information. Use the same care and handling as for any petroleum product. Nothing herein shall be deemed to constitute a warranty, express or implied, that said information or data are correct or that the products described are merchantable or fit for a particular purpose, or that said information, data or products can be used without infringing patents of third parties.

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