

UNITED ZINC FREE INDUSTRIAL HYDRAULIC OIL



United Zinc Free Industrial Hydraulic Oil is formulated with a zinc-free (ashless) additive system to ensure exceptional performance. It meets the performance requirements of conventional anti-wear hydraulic oils in severe applications, while providing additional safety in case of a leak or discharge to the environment.

United Zinc Free Industrial Hydraulic is recommended for service in a wide range of hydraulic operating systems. It meets the industry's demand for a universal-type hydraulic oil suitable for use in systems having vane or axial piston pumps, high pressure, and high output. Zinc-free (ashless) technology permits its use in automated machine tools and mobile stationary applications that have stringent filterability requirements.

Features:

- Maximum efficiency of hydraulic systems
- Inhibited wear, rust, corrosion, sludge, and foaming tendencies
- High viscosity index to minimize oil viscosity change with temperature
- Zinc-free (ashless) additive system
- Superior oxidation stability
- Excellent water separation
- Excellent filterability
- Environmentally friendly

Applications:

- Systems having vane or axial piston pumps
- Automated machine tools
- Recommended for micro-filtration systems
- High-pressure systems
- General hydraulic oil in industrial plants
- High-output systems
- Mobile equipment requiring premium anti-wear hydraulic oil

TYPICAL SPECIFICATION DATA

UNITED ZINC FREE INDUSTRIAL HYDRAULIC OIL		
ISO GRADE	32	46
Viscosity @ 100°C (cSt)	5.6	7.0
Viscosity @ 40°C (cSt)	32.0	45.0
Viscosity Index	114	110
Density (lb/gal)	7.14	7.32
Pour Point (°C)	-42	-33
Pour Point (°F)	-44	-27
Flash Point (°C)	220	215
Flash Point (°F)	428	419
Turbine Oil Stability Test, hrs.	6000+	6000+

Recommended for Use in the Following Specifications:

- Cincinnati Machine P-68 (ISO 32)
- Cincinnati Machine P-70 (ISO 46)
- Commercial Hydraulics
- Denison HF-0
- Din 51524 Part 2
- Vickers M-2950-S (Mobile), I-286-S (Industrial)

Product Availability: United Zinc Free Industrial Hydraulic ISO 32

- 55 Gal
- 265 Gal
- Bulk
- Item # 217678
- Item # 210936
- Item # 192366

Product Availability: United Zinc Free Industrial Hydraulic ISO 46

- 55 Gal
- 265 Gal
- Bulk
- Item # 203981
- Item # 210937
- Item # 203980

