



UNIFIX Premium Hydraulic ISO Series

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Product Description

Unifix Premium Hydraulic Oil ISO Series are premium quality, ash-less, anti-wear hydraulic fluids designed to meet the requirements of all conventional and high output industrial fluid power systems.

These premium oils are formulated with high quality base oil and selective additives to provide high performance with excellent rust and oxidation control, and filterability. These features contribute to minimum deposit formation, longer fluid life and reduced system maintenance in severe hydraulic systems using high pressure, high output pumps.

Features and Benefits

- Excellent thermal stability to extend oil service life
- Excellent corrosion protection of copper containing alloys
- Excellent rust protection with specially selected rust inhibitors.
- Excellent foam inhibition to minimize foaming and aeration problems.
- Resistance to sludge formation
- Excellent filterability
- Excellent demulsibility

Applications

- All hydraulics systems, specifically in industrial and mobile equipment that operate at high pressures and temperatures in critical applications
- Hydraulic systems, particularly where close clearance servo-valves are used
- Systems where cold start-up and high operating temperatures are typical
- Systems requiring a high degree of load-carrying capability and anti-wear protection
- Machines employing a wide range of components using various metallurgy

Performance Standards

- Fives Cincinnati P-38, P-55, P-54 and P-57
- General Electric GEK 32568, GEK 107395, GEK 46506
- Siemens TLV 9013 04
- Alstom HTGD 90 117
- Solar Turbines ES9-224
- DIN 51524-1; 51515-1
- Parker Denison HF-0 Bench tests
- AIST 125
- ISO 8068
- AGMA 9005 E02-RO

Typical Properties

Properties	Test Method	Typical Value	
ISO Viscosity		46	68
Appearance	Visual	Bright & Clear	Bright & Clear
Kinematic Viscosity @40°C	ASTM D445	48	68
ASTM Color	ASTM D1500/D6045	L0.5	L0.5
Flash Point by COC, °C	ASTM D92	258	264
Pour Point	ASTM D5950/6892/6749	-15	-20
Demulsibility @54°C ml/ml/ml (min)	ASTM D1401	15	15
Foaming : Seq.I @24°C, Tendency/Stability	ASTM D892	0/0	0/0

Typical physical and chemical characteristics do not constitute as specifications. Contix Asia Pte. Ltd. reserves the right to amend and change the information herein without notification as a result of continual product research and development