



TECHNICAL INFORMATION

Product Description

- Engineered to provide boundary lubrication protection
 - Reducing friction and metal to metal contact
 - Providing extreme pressure protection
- Designed to enhance the oil's ability to protect against rust and corrosion
- Lowers operating temperatures by reducing friction
- Winter "anti-freeze" for hydraulic oil. Improves cold flow up to 15°C (27°F)
- Formulated to increase filtration efficiency by reducing the generation of wear particles
- Enhances the oil's ability to clean and disperse contaminants
- Provides long term protection for pumps, valves, motors, cylinder, seals and hoses

Applications: Hydraulic circulating systems @ 3-5% & automatic transmissions @ 1%.
Recommended for use with mineral oils, polyalphaolefin, and diester based synthetic fluids.

Typical Properties

Properties	Method	Results
Appearance		Clear, Light, Amber Liquid
Color	ASTM D1500	L 2.0
Viscosity @ 40°C	ASTM D445	42 cSt
Viscosity @ 100°C	ASTM D445	6 cSt
Density @ 20°C	ASTM D941	0.982 g/mL
Copper Corrosion	ASTM D130	1b
Pour Point	ASTM D97	-30°C
Flash Point (COC)	ASTM D92	150°C
Fire Point (COC)	ASTM D92	160°C
Base Number	ASTM D4739	1.5 mg KOH/g
Acid Number	ASTM D664	0.5 mg KOH/g
Zinc and Lead content		Nil
Solid particles, PTFE, graphite, molybdenum content		None
Rust Preventing Characteristics	ASTM D665	Pass
Elastomer Compatibility	ASTM D4289	
- Nitrile	(5% in ISO 32 Paraffinic Oil)	Pass
- Neoprene		Pass
- Fluorocarbon		Pass
Hydrolytic Stability	ASTM D2619	
- Viscosity Change	(5% in ISO 32 Paraffinic Oil)	Negligible
- Copper weight loss		0.67 mg/cm ²
- Copper appearance		1b – 2b, shiny
- Acid number change		0 mg KOH/g