



Maxi Glycol FR-300

Product Description

Maxi Glycol FR-300 is a next-generation water glycol hydraulic fluid based on a patent-pending technology. It can be used in a wide variety of industrial hydraulic systems. It offers excellent fire protection under the most severe hazard conditions. It has been optimized with a new, high performance additive package to protect from corrosion in both vapor phase and in the liquid phase on most metals, and is morpholine-free.

The key benefit to **Maxi Glycol FR-300** is its outstanding shear stability compared to traditional water glycol fluids. This will reduce maintenance requirements for the fluid, as it will protect equipment for longer periods. This fluid exhibits excellent performance in the Vickers Vane pump test.

Applications

Maxi Glycol FR-300 will perform in a variety of hydraulic pump types within rated conditions:

- Various OEM Vane Pumps
- Various OEM Gear Pumps
- Various OEM Piston Pumps

Typical Characteristics	Property:	ASTM	Maxi Glycol FR-300
	Appearance	Visual	Red Liquid
	Viscosity, cSt @ 40° C	D-445	64.2
	Viscosity Index	Calculated	220
	Specific Gravity	D-1298	1.06
	Pour Point, °C	D-97	-40
	Reserve Alkalinity, to pH 5.5	N/A	160 - 180
	pH	D-70	9.6
	Vickers Vane Pump Test mg weight loss of ring and vanes	D-7043	10 - 15
	Copper Corrosion, 6 hours	D-130	1a
	Copper Corrosion, 24 hours	D-130	1b
	Foaming characteristics	D-892	
	Sequence I		10/0
	Sequence II		10/0
	Sequence III		10/0
	Rust Prevention, distilled water	D-665	Pass