

TECHNICAL DATA SHEET

Houghto-Safe® 620

WATER GLYCOL TYPE FIRE RESISTANT HYDRAULIC FLUID

Houghto-Safe 620 is a premium water glycol type fire resistant hydraulic fluid designed to provide maximum safety for use under pressure, near open flames or in high temperature areas.

Houghto-Safe 620 has been an industry leader since its introduction and continues to be the preeminent fluid in the water glycol market. Houghto-Safe 620 sets performance standards by which other water glycol fluids are measured. Houghto-Safe 620 is Factory Mutual approved as a less hazardous fluid.

Pump Test:

ASTM D-2882 Procedure - Vickers V-104-C pump

Test Conditions

Test Period, hours	100
Discharge Pressure, psi	2000
Fluid Temperature, °F	150
Pump Speed, rpm	1200
Output Volume, GPM	7.5

Test Results

Cam Ring Wear, mg	29.4
Vane Set (12) Wear, mg	2.4

Applications

Houghto-Safe 620 was designed to replace mineral oil based hydraulic fluid. Houghto-Safe 620 can be used in or near fire hazards applications without compromising the overall hydraulic system operation.

Recommendation For Use

Houghto-Safe 620 can be used in equipment designed for traditional mineral oil in applications where a fire hazard exists

Benefits

- Factory Mutual Approved as a fire resistant hydraulic fluid that protects personnel and property from accidental fire and may lower insurance premiums.
- Low pour point provides excellent stability in cold weather applications.
- High viscosity index allows the fluid to be used at a wide temperature range.
- Houghto-Safe 620 is recognized worldwide and is available globally.
- Provides excellent lubrication characteristics which extends pump and component life.
- Recognized as one of the premium water glycols available on the market and recognized by Original Equipment Manufacturers.

Health, Safety and Handling

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control - we assume no liability for any ineffecti

Typical Physical Properties

PROPERTY	TYPICAL VALUE
Appearance	Red Fluid
pH	9.5
Viscosity	
@ 0°F	4218
@ 68°F	400
@ 100°F	200
@ 130°F	116
Specific gravity, 60/60	1.08
Pour Point	-50

All reasonable care has been taken to ensure this publication is accurate upon issue. Such information may be affected by changes subsequent to issue. This Technical Data Sheet is to be used solely for this product. Prior to any use, consult the Safety D 01620300

