

Houghto-Safe® 620

Water glycol type fire resistant hydraulic fluid

DESCRIPTION

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.

DATA (TYPICAL VALUES)

Appearance	Clear red fluid
pH	9.5
Viscosity, SUS	
@ 0°F	4218
@ 68°F	400
@ 100°F	200
@ 130°F	116
Viscosity Index	200
Pour Point	-50°F
Specific Gravity, 60/60°F	1.08
Pounds per Gallon, 60°F	9.01
Flash Point	N/A
Fire Point	N/A

FEATURES / 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.

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

HEALTH AND SAFETY

Refer to SDS for proper handling and disposal. Please note that the SDS includes handling, health and disposal information which should be passed on to your employees, and to anyone else who comes in contact with our product. Additional advice can also be obtained from your local Houghton representative.

NOTE: Read and understand all precautions on container labels before using this product.

TN 10.09 US



Houghton International Inc.
 Madison and Van Buren Aves.
 P. O. Box 930
 Valley Forge, PA 19482-0930

Phone: 610-666-4000
 Fax: 610-666-0174
 info@houghtonintl.com
 www.houghtonintl.com

This document contains information based on data that is believed to be correct. However, the product may not be applicable to all uses and operating environments. No warranty or guarantee is expressed or implied.