

Cosmolubric B-220

Vegetable Oil Based Fire Resistant Hydraulic Fluid

DESCRIPTION

Cosmolubric B-220 is the latest development in Houghton International's complete line of fire resistant hydraulic fluids for industry. Cosmolubric B-220 is a vegetable oil derived fire resistant hydraulic fluid formulated with additives to enhance corrosion protection, metal passivation, and oxidative inhibition. Cosmolubric B-220 is Factory Mutual approved as a less hazardous fluid.

FEATURES/ BENEFITS

- Factory Mutual Approved as a fire resistant hydraulic fluid that protects personnel and property from accidental fire and may lower insurance premiums
- High viscosity index allows the fluid to be used at a wide temperature range
- The fluid is readily biodegradable which makes it environmentally friendly
- Fluid has an inherently low Total Acid Number that resists oxidation
- Fluid is a GREEN product that is composed of renewable resources
- Compatible with polyol ester fluids for ease of conversion
- Contains additives to enhance oxidation stability that will extend service life
- Provides excellent lubrication characteristics which extends pump and component life

DATA (TYPICAL VALUES)

Appearance	Clear light amber fluid
ISO Viscosity Grade	46
Viscosity, SUS	
@ 32°F (0°C)	1466
@ 100°F (37.8°C)	230
@ 104°F (40°C)	221
@ 212°F (100°C)	56
Viscosity Index	202
Total Acid Number - mg KOH/gm	0.7
ASTM Flash Point, C.O.C., °F	450 (234°C)
ASTM Fire Point, C.O.C., °F	550 (288°C)
ASTM Pour Point, °F	-6 (-21°C)
Specific Gravity @ 60°F (15.6°C)	.92
Pounds per U.S. Gallon @ 60°F	7.7
Corrosion Test, ASTM D-665A	Pass
Copper Strip, ASTM D-130	1A

PUMP TEST CONDITIONS

Test Period, Hour	100
Pressure, PSI	2000
Temperature, °F	175 (79°C)
Theoretical Output, GPM	7.5
Total Wear on Ring and Vane Set, Mg	<10

HEALTH AND SAFETY

Refer to MSDS for proper handling and disposal. Please note that the MSDS 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.

Date | version
Code



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.