

Cosmolubric B-220 FMA

Vegetable Oil Based Fire Resistant Hydraulic Fluid

DESCRIPTION

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

DATA (TYPICAL VALUES)

| | |
|-----------------------------------|-------------------------|
| Appearance | Clear light amber fluid |
| ISO Viscosity Grade | 46 |
| Viscosity, SUS | |
| @ 32°F (0°C) | 1355 |
| @ 100°F (37.8°C) | 221 |
| @ 104°F (40°C) | 205 |
| @ 212°F (100°C) | 59 |
| Viscosity Index | 227 |
| Total Acid Number - mg KOH/gm | 0.65 |
| ASTM Flash Point, C.O.C., °F | 608 (320°C) |
| ASTM Fire Point, C.O.C., °F | 669 (354°C) |
| ASTM Pour Point, °F | -6 (-21°C) |
| Specific Gravity @ 60°F (15.6°C) | .92 |
| Pounds per U.S. Gallon @ 60°F | 7.65 |
| Corrosion Test, ASTM D-665A and B | Pass |
| Copper Strip, ASTM D-130 | 1b |

Date | version
Code

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
- USDA Certified as a Bio-based product that is composed of a majority of renewable materials
- 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

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.



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