

TECHNICAL DATA SHEET

QH COSMOLUBRIC B 230

VEGETABLE OIL BASED FIRE-RESISTANT HYDRAULIC FLUID



QH COSMOLUBRIC™ B 230 is the latest development in Quaker Houghton's complete line of fire resistant hydraulic fluids for industry. QH COSMOLUBRIC™ B 230 is a vegetable oil derived fire resistant hydraulic fluid formulated with additives to enhance corrosion protection, metal passivation, and oxidative inhibition. QH COSMOLUBRIC™ B 230 is Factory Mutual approved as a less hazardous fluid.

Applications

QH COSMOLUBRIC™ B 230 was designed to replace mineral oil based hydraulic fluid as well as polyol ester fluids. QH COSMOLUBRIC™ B 230 can be used in or near fire hazards and in environmentally sensitive hydraulic applications without compromising the overall hydraulic system operation.

Recommendation for Use

QH COSMOLUBRIC™ B 230 can be used in equipment designed for traditional mineral oil in applications where a fire hazard exists.

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 ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.

Benefits

- Factory Mutual Approved as a fire resistant hydraulic fluid that protects personnel and property from accidental fire and may lower insurance premiums
- 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

Properties

PROPERTY	TYPICAL VALUE	UNIT
Appearance	Clear light amber fluid	
ISO viscosity grade	68	
Viscosity		SUS
at 32°F (0°C)	1937	
at 100°F (37.8°C)	335	
at 104°F (40°C)	291	
at 212°F (100°C)*	71.4	
Viscosity Index	222	
Total Acid Number	0.9	mg KOH/gm
Specific Gravity at 60°F (15.6°C)	0.92	
Density at 60°F	7.7	lbs/gal

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