

# TECHNICAL DATA SHEET

## QUINTOLUBRIC® 888 68

### SYNTHETIC BIODEGRADABLE FIRE RESISTANT HYDRAULIC FLUID



QUINTOLUBRIC® 888 68 is a Factory Mutual approved high quality synthetic polyol ester hydraulic fluid. Chemically and thermally stable, QUINTOLUBRIC® 888 68 is designed for long life and dependable performance in areas where a less flammable hydraulic fluid should be used.

QUINTOLUBRIC® 888 68 exhibits good thermal stability and has a high Viscosity Index. QUINTOLUBRIC® 888 68 also contains an additive package proven to give the best possible performance, corrosion protection, metal passivation, hydrolytic stability and oxidation inhibition.

#### Applications

QUINTOLUBRIC® 888 68 was designed to replace mineral oil based hydraulic fluid. QUINTOLUBRIC® 888 68 can be used in or near fire hazards and in environmentally sensitive hydraulic applications without compromising the overall hydraulic system operation.

#### Recommendation for Use

QUINTOLUBRIC® 888 68 can be used in equipment designed for traditional mineral oil in applications where a fire hazard exists.

##### Pump Test

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

##### Test Conditions

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

##### Test Results

PROPERTY	TYPICAL VALUE	UNIT
Total wear on ring and vane	<15	mg

#### 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
- Provides excellent lubrication characteristics which extends pump and component life
- High viscosity index allows the fluid to be used at a wide temperature range
- Contains additives to enhance oxidation stability that will extend service life
- Hydrolytically stable to resist degradation when water contamination is present

#### Properties

PROPERTY	TYPICAL VALUE	UNIT
Appearance	Clear amber, mobile fluid	
Flash Point	575   302	°F   °C
Viscosity		
at 32°F (0°C)	8850	
at 100°F (37.8°C)	2150	SUS
at 104°F (40°C)	305	
at 212°F (100°C)*	68"	
Viscosity Index	>201	°C
Total Acid Number	3.0	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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### Health, Safety and Handling

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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.

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 Data Sheet (SDS) for information on hazard risks and product use parameters. All liability and all warranties express or implied are hereby excluded as to product performance results, the accuracy of these data including any warranty of merchantability or fitness for any purpose. 07130000

