

# TECHNICAL DATA SHEET

## QUINTOLUBRIC® 888 46

POLYOL ESTER BASED FIRE RESISTANT HYDRAULIC FLUID



QUINTOLUBRIC® 888 46 is a Factory Mutual approved high quality synthetic polyol ester hydraulic fluid. Chemically and thermally stable, QUINTOLUBRIC® 888 46 was designed for long life and dependable performance in areas where a less flammable hydraulic fluid should be used. Besides having good thermal stability, QUINTOLUBRIC® 888 46 exhibits a good temperature/viscosity relationship or Viscosity Index.

### Application

QUINTOLUBRIC® 888 46 contains an additive package, formulated in our laboratory and proven in the field, to give the best possible performance, corrosion protection, metal passivation, hydrolytic stability and oxidation inhibition.

### Pump Test

ASTM D-2882 procedure Vickers V-104-C pump

### Test Conditions

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

### Test Results

PROPERTY	VALUE	UNIT
Total wear on ring and vane set	<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
- High viscosity index allows the fluid to be used at a wide temperature range
- Fluid is a GREEN product that is composed of renewable resources
- Contains additives to enhance oxidation stability that will extend service life
- Provides excellent lubrication characteristics which extends pump and component life
- Hydrolytically stable to resist degradation when water contamination is present

### 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.



# QUINTOLUBRIC® 888 46

## POLYOL ESTER BASED FIRE RESISTANT HYDRAULIC FLUID

### Properties

PROPERTY	TYPICAL VALUE	UNIT
Appearance	Clear amber, mobile fluid	
ISO Viscosity Grade	46	
Viscosity	at 0°F	4290
	at 32°F	1260
	at 100°F	220
	at 210°F	60
Viscosity Index	>200	SUS
Total Acid Number	2.0	mg KOH/g
Specific Gravity	0.91	60/60°F
Density at 60°F	7.6	lbs/gal
Flash Point	>580   >305	°F   °C
Fire Point	>660   >350	°F   °C
Pour Point	-18   -28	°F   °C
Rust Test ASTM D-665A	Pass	
Copper Strip Tarnish Test (ASTM D-130) Condition of panel	1B	

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. 07122000

