

 STEEL



Fire Resistant Hydraulic Fluids
Product Line

QUINTOLUBRIC® series HFD-U

Fire Resistant Hydraulic Fluids



PRODUCT	PROPERTIES																	
	Kinematic Viscosity 40 °C mm ² /s (ASTM D445)	Kinematic Viscosity 100 °C mm ² /s (ASTM D445)	Viscosity Index	Density 15 °C (ASTM D1298)	Acid Number (ASTM D 974)	Pour Point (ASTM D97)	Flash Point (ASTM D92)	Fire Point (ASTM D92)	Auto Ignition Point (DIN 51794)	Air Release Minutes (ASTM D3427)	Foam Test (ASTM D892 seq1)	Demulsifiability (ASTM D1401)	Pump Test V104C (ASTM D2882)	Gear Lubrication FZG (DIN 51354-2)	Shear Stability (ASTM D2603)	Dry Tost (hours) (ASTM D943)	Factory Mutual Approval (6930)	
QUINTOLUBRIC® 888-46	47.5	9.5	190	0.92	<2.0	<-30°C	300°C	360°C	>400°C	7 min	<50-0	41-39-0	<5 mg	>12	0	800	Y	
QUINTOLUBRIC® 888-68	68.0	12.5	185	0.92	<2.0	<-30°C	304°C	360°C	>400°C	7 min	<50-0	42-38-0	<5 mg	>12	0	800	Y	
QUINTOLUBRIC® 855	55.0	12.0	220	0.92	<1.0	-21°C	310°C	355°C	>400°C	8 min	0-0 ml	41-39-0	<5 mg	>12	<1%	200	Y	

QUINTOLUBRIC® Fire Resistant Hydraulic Fluids

Quaker's complete portfolio of QUINTOLUBRIC® engineered solutions provide world class HFD-U technology to meet the lubrication requirements of high performance hydraulic equipment. They offer you:

- Factory Mutual Approval (FM)
- Extended hydraulic fluid life time
- Lower maintenance costs with less downtime & equipment replacement
- Environmentally friendly (biodegradability >80% OECD 301-C)
- Stable viscosity in use - excellent shear stability

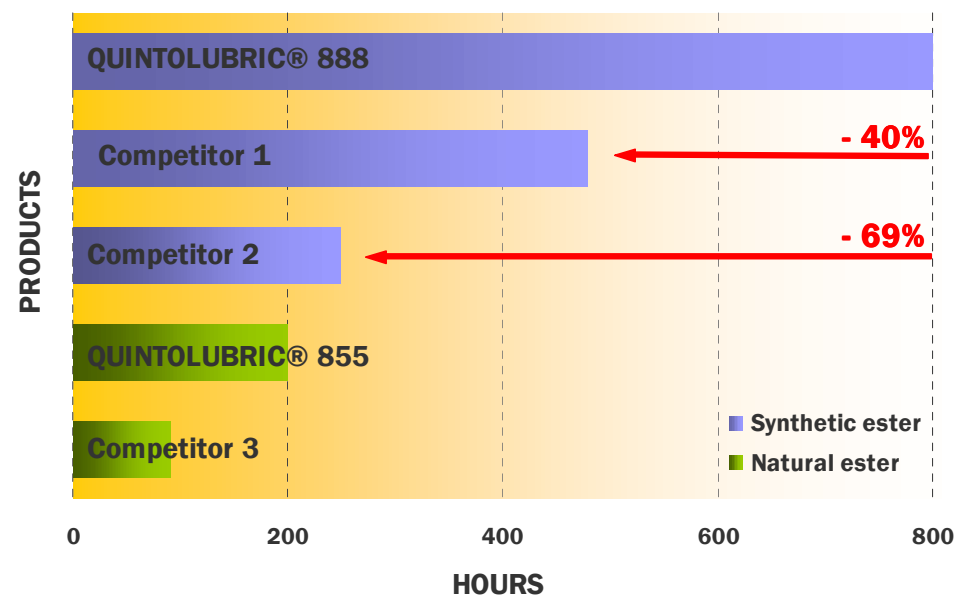
QUINTOLUBRIC® 888 series: Best in class

This range of fluids is designed to replace anti-wear, mineral oil-based hydraulic fluids used in applications where fire hazard exists. These fluids do not contain water, mineral oil, or phosphate ester, and are based on high-quality, synthetic, polyolesters and carefully selected additives to achieve maximum fluid lifetime and performance.

Key benefits:

- Endorsed by all major OEM's
- Factory Mutual Approval (FM)
- German Steel Institute (VDEh) approved (SEB 181 224)
- MSHA approval
- Longer life time: Best in class oxidation stability
- Excellent wear protection
- Suitable for use in environmentally sensitive hydraulic applications
- Global formulation

Longer Fluid Life Time (HFD-U Dry-TOST ASTM D 943)



A key performance parameter that can be used to differentiate HFD-U fluids is oxidation stability leading to extended hydraulic fluid life. Quaker has engineered its line of HFD-U fluids to provide the best in class oxidation stability.