



Global Headquarters
Quaker Houghton
901 E. Hector Street
Conshohocken, PA 19428-2380
U.S.A
+1.610.832.4000

quakerhoughton.com | info@quakerhoughton.com



**Fire Resistant
Hydraulic Fluids
North America**

Fire Resistant Hydraulic Fluids



PRODUCT

TECHNOLOGY

BENEFITS

FIRE-RESISTANT HYDRAULIC FLUIDS

HFA (High-Water Fluids)

QH HYDROLUBRIC™ 120 B Full Solution Synthetic

HFA or high water content fluids (HWCF's) are hydraulic fluids that combine the excellent fire resistant properties of water with lubrication and corrosion protection from an additive concentrate. Because water is the major component (90% or more) of an HFA fluid, hydraulic equipment using this type of fluid must be capable of operating with a low viscosity fluid.

QH HYDROLUBRIC™ 123 B Full Solution Synthetic

HFA concentrates lubricate valves, improve seal life, inhibit corrosion in components and piping, and control bacterial and fungal growth in the system.

HFC (Water-Glycol Fluids)

QH HOUGHTOSAFE™ 419 R High-Performance Water Glycol FM Approved

HFC or water glycol fluids are the most widely used fire resistant hydraulic fluids because of their price-quality and their combination of fire resistant properties with good lubrication performance. Our HFC fluids are formulated to provide best-in-class lubrication properties, excellent shear stability and exceptional corrosion inhibition.

QH HOUGHTOSAFE™ 620 Premium Water Glycol FM Approved

The water glycol fire resistant hydraulic fluids supplied by Quaker Houghton are endorsed by original hydraulic component and equipment manufacturers. The global comparable unique performance of our HFC Fire Resistant Hydraulic Fluids combines reliability and safety worldwide.

HFDu (Synthetic Fluids)

QUINTOLUBRIC® 888 46 ISO VG 46 Synthetic Polyol Ester FM Approved

Quaker Houghton is the global market leader in ester-based fire resistant hydraulic fluid technology. We have more than 50 years experience with the application of these fluids at leading companies in the steel, aluminium, mining, automotive and power generation industries.

QUINTOLUBRIC® 888 68 ISO VG 68 Synthetic Polyol Ester FM Approved

Quaker Houghton HFDu fire resistant hydraulic fluids are designed to replace anti-wear, mineral oil-based hydraulic fluids used in applications where fire hazards exist. They can also be used in environmentally sensitive hydraulic applications without compromising the overall hydraulic system operations. These fluids do not contain water, mineral oil, or phosphate ester. They are based on high-quality, synthetic, organic esters and carefully selected additives to achieve excellent and reliable hydraulic fluid performance.

QH COSMOLUBRIC™ B 220 ISO VG 46 Natural Ester FM Approved

QH COSMOLUBRIC™ B 230 ISO VG 68 Natural Ester FM Approved

Quaker Houghton HFDu fire resistant hydraulic fluids feature excellent lubricity and shear stability as well as high biodegradability.