Known the world over for delivering high quality, high performance and environmental compatibility, Quaker offers QUINTOLUBRIC® Fluids that are FM Approved for Fire Resistance and meet ISO standards in these major fire-resistant groups: HFA (high water content); HFC (water glycols); and HFD (water-free and synthetics).

**Quaker HFA Fluids**

HFA fluids are designed to operate in water hydraulic equipment. Water hydraulic equipment can operate with water as the hydraulic medium, but to avoid corrosion in components and piping, inhibit bacterial growth in the fluid, and extend component life, specific additives are formulated into HFA fluids. HFA fluids are ideal for use in Steel mills, under-ground longwall mining equipment, and any other system designed for water hydraulic equipment.

Common in-use concentration range for HFA-E and HFA-S fluids is from 1 to 5%. Quaker markets low mineral oil containing HFA-E fluids (QUINTOLUBRIC® 807 and 814 Series) and synthetic HFA-S fluids (QUINTOLUBRIC® 807 and 818 Series) that are globally available and give outstanding performance in stability, corrosion protection and bio-resistance.

**Quaker HFC Fluids**

HFC fluids, also called water glycol fluids, are the most widely used fire resistant hydraulic fluids because of their good price-quality relationship and their combination of good fire resistant properties with reasonable lubrication performance. HFC-E fluids are a new type of fire resistant hydraulic fluids containing 20% water instead of ≥35% by weight.

This type of fluid combines the good fire resistant properties of HFC fluids with the lubrication performance normally associated with anhydrous fluids. HFC-E fluids are ideal for use in hydraulic systems designed for HFC fluids but requiring a higher level of lubrication performance.

Quaker markets HFC fluids (QUINTOLUBRIC® 702 Series) and HFC-E fluids (QUINTOLUBRIC® 777 Series) that are globally available and give outstanding performance in fire resistance and lubrication.

**Quaker HFD Fluids**

HFD fluids are fire resistant hydraulic fluids that combine reasonable to good fire resistance properties with excellent lubrication performance. HFD fluids are designed to operate in oil hydraulic equipment.

Quaker markets fire resistant HFD-U fluids that are based on synthetic polyol esters (QUINTOLUBRIC® 888 Series) and natural esters (QUINTOLUBRIC® 855 Series).

For complete application and benefit information, please refer to the individual data sheets in the file opposite.
QUINTOLUBRIC
FIRE-RESISTANT FLUIDS

HIGH PERFORMANCE
CORROSION PREVENTION
LOW APPLIED COST

FM APPROVED

QUAKER FLUID POWER PRODUCTS