Quaker Houghton™
Forward Together™

FIRE-RESISTANT HYDRAULIC FLUIDS PRODUCT LINE

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PRODUCT	TECHNOLOGY	APPLICATION	CASTING	DIECASTING FORMING AND FORGING	IRON CASTING	HOT ROLLING	PICKLING	COLD ROLLING	TIN ROLLING	TEMPERING	GALVANIZING	LONGWALL SHIELDS	MOBILE EQUIPMENT	BELT TAKE-UP HYDRAULICS	HYDRAULICS COUPLINGS	POWER GENERATIONS	MARINE/OFFSHORE	TUNNELING	BENEFITS
HIGH WATER CONTENT (HFA) HYDRAULIC FLUIDS																			
HYDROCOR® GS 460 NH	100% synthetic											●							Joy Mining Machinery, Caterpillar, and MSHA approved, biodegradable >80% (oecd 301-c), water endangering class (wgk), compatible with commonly used longwall fluids, easy underground leak detection dye, easy injection injury detection dye, bacteria and fungi resistant, excellent corrosion protection, water soluble, excellent filterability
HYDROCOR® BS 660	100% synthetic											●							
QUINTOLUBRIC® 818-02	100% synthetic true solution											●							
QUINTOLUBRIC® 817-01	100% synthetic true solution					●	●	●	●										Improved lubricity over conventional emulsified oils, excellent stability under all operating conditions, compatible with rolling and machining solutions; will not stain the strip, sheet or workpiece
HYDROLUBRIC® BS 500	Synthetic					●	●	●	●										Used at 2-5% in water it gives essential protection against corrosion. It is phosphor, boron, chlorine, nitrite, secondary amine and formaldehyd free
QUINTOLUBRIC® 815	Semi-synthetic water additive concentrate					●	●	●	●			●							Excellent corrosion prevention, even at low emulsion concentration, effective prevention of bacteria and fungi growth, good filtration properties, proven performance in the mining industry, low applied costs
WATER GLYCOL (HFC) HYDRAULIC FLUIDS																			
HOUGHTO-SAFE® 620 E	Premium water glycol, fire-resistant fluid		●	●		●		●			●						●		Superior liquid and vapor phase corrosion protection, high viscosity index, excellent shear stability, excellent chemcial thermal and hydrolytic stability
ANHYDROUS SYNTHETICS (HFD) HYDRAULIC FLUIDS																			
QUINTOLUBRIC® 888-46	ISO VG 46 synthetic polyol ester fire-resistant hydraulic fluid		●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	FM Approved as less hazardous hydraulic fluids, with excellent shear stability, best-in class oxidation stability, and reduced environmental impact, 888-46 and 888-68 also offer a global formulation. Compatible with most standard seal materials like NBR and FKM, with low human and ecological toxicity, and offering superior cleanliness: max. ISO 4406 16/14/11, the products are >80% biodegradable according to CEC L-33-T-82. These Products are energy saving because of their high viscosity index compared to mineral oil type fluid, and offer an excellent cost and quality balance for selected systems. The 888 series is designed for new and low leaking systems, the 865 series for system with an increased fluid consumption. 888-68 is also approved by MSHA for underground use
QUINTOLUBRIC® 888-68	ISO VG 68 synthetic polyol ester fire-resistant hydraulic fluid		●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	
QUINTOLUBRIC® 865-46	ISO VG 46 synthetic polyol ester fire-resistant hydraulic fluid		●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	
QUINTOLUBRIC® 865-68	ISO VG 68 synthetic polyol ester fire-resistant hydraulic fluid		●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	