



## Mobile Equipment

QUAKER CHEMICAL have a range of hydraulic lubricants design to meet or exceed the requirements of manufacturers and operators of mobile equipment. The mobile fleet lubrication is a result of intensive Quaker research offering you two classes of fire resistant hydraulic fluids with longer oil change intervals, less downtime lower service costs. These products are very effective lubricants for rapid oil circulation after starting, less wear and environmental friendly.



### BENEFITS of Quaker Chemical products

- Universal application
- Best possible protection against wear in harshest conditions
- Adaptation to customer needs
- Safe and environmental friendly
- Extended life with minimum maintenance



## High Specialty Products

### QUINTOLUBRIC 888-46 FIRE RESISTANT & BIODEGRADABLE HYDRAULIC FLUID

Quintolubric 888-46 is a synthetic fluid used in equipment designed for traditional mineral oil fluids. In addition to fire resistance, Quintolubric 888-46 provides excellent biodegradability and low aquatic toxicity, making them ideal for use where better environment protection is required.

#### Benefits:

- Excellent wear protection;
- Quick start-up for rapid oil circulation;
- Biodegradable.

Property	Method	Quintolubric 888-46
Kinematic viscosity at 40°C at	ASTM D445	46 mm <sup>2</sup> /s or cSt
Viscosity index	DIN 51564	220
Density at 15°C	ASTM D 1298	0.90 g/cm <sup>3</sup>
Fire point	ASTM D 92	325°C (617°F)
Auto ignition temperature	DIN 51794	450°C (842°F)
Fire resistance	Factory Mutual Research	Pass

Property	Method	Quintolubric 888-46
Pump test	ASTM D 2882	< 5 mg wear
Gear lubrication	DIN 51354/2	> 12 FZG load stage

#### QUINTOLUBRIC 888-68 FIRE RESISTANT & BIODEGRADABLE HYDRAULIC FLUID

Quintolubric 888-68 is a synthetic fluid used in equipment designed for traditional mineral oil fluids. In addition to fire resistance, Quintolubric 888-46 provides excellent biodegradability and low aquatic toxicity, making them ideal for use where better environment protection is required.

##### Benefits:

- Excellent wear protection;
- Quick start-up for rapid oil circulation;
- Biodegradable.

Property	Method	Quintolubric 888-68
Kinematic viscosity at 40°C at	ASTM D445	68 mm <sup>2</sup> /s or cSt
Viscosity index	DIN 51564	215
Density at 15°C	ASTM D 1298	0.91 g/cm <sup>3</sup>
Fire point	ASTM D 92	325°C (617°F)
Auto ignition temperature	DIN 51794	450°C (842°F)
Fire resistance	Factory Mutual Research	Pass
Pump test	ASTM D 2882	< 5 mg wear
Gear lubrication	DIN 51354/2	> 12 FZG load stage

#### QUINTOLUBRIC SUPER HFC 46 FIRE RESISTANT HYDRAULIC FLUID

Quintolubric Super HFC 46 is a water glycol hydraulic fluid that provides a safe working environment that conventional mineral oil based hydraulic fluids can't match.

Recommended use is where high temperature, environment or equipment is concerned. It typically replaces conventional mineral oil hydraulic fluids. Quintolubric Super HFC 46 is practical for applications where hydraulic piping/hoses may rupture and spray hydraulic fluid onto hot surfaces where mineral oil based fluids would ignite and cause severe hazard to personnel and equipment.

Use Quintolubric Super HFC 46 where there are high pressures (up to 350 bar) or a low pressure system is having problems running on conventional water glycol.

##### Benefits:

- Good wear protection;
- Quick start-up for rapid oil circulation;
- Excellent fire resistance;
- Environmentally acceptable.

Property	Method	Quintolubric Super HFC 46
Kinematic viscosity at 40°C at	ASTM D445	46 mm <sup>2</sup> /s or cSt
Viscosity index	DIN 51564	217
Density at 15°C	ASTM D 1298	1.07 g/cm <sup>3</sup>
Flash point	ASTM D 92	None
Fire resistance	Factory Mutual Research	Pass
Reserve Alkalinity (mL 0.1N HCl/10g)	ASTM D 1121	15-20

*Quaker Chemical Hydraulic fluids will protect your assets!*



A slab carrier caught on fire. The equipment was using mineral oil hydraulic fluid.