



Quintolubric® 958-30

Quintolubric® 958-30 is an invert emulsion (water-in-oil) fire-resistant hydraulic fluid designed for use in hydraulic systems operating in areas subject to fire hazards, such as in steel mills, foundries and mining equipment. It combines the benefits of an oil-based hydraulic fluid with the fire-resistant properties of water. It is approved by the MSHA for use in underground mining equipment.

Quintolubric® 958-30 is formulated with ~45% water emulsified with petroleum oil. When exposed to a source of ignition, the oil film may catch fire, but the fire is immediately snuffed out by steam from the water core. A carefully balanced additive package provides enhanced lubricity and excellent emulsion stability, as well as excellent wear protection and corrosion protection for hydraulic system components.

Applications

- Hydraulic systems subject to fire hazards
- Underground mining equipment requiring a fire-resistant, MSHA-approved hydraulic fluid
- Steel mills, foundries and manufacturing plants

Features/Benefits

- Fire resistant
- Protects against wear
- Protects against rust and corrosion
- Forms a stable emulsion
- Resists bacterial growth
- MSHA approved (Approval Number 30-20-2)

CAUTION: Quintolubric® 958-30 should **not** be used in hydraulic systems where operating temperatures exceed 175°F. This product contains water and should not be stored at temperatures over 130°F or below 40°F. Water content should be closely monitored to insure safe operation.

**Invert Emulsion
Type
Fire-Resistant
Hydraulic Fluid;
MSHA Approved**

CONTACT INFORMATION

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Quintolubric® 958-30

Typical Properties

Grade	958-30
Specific Gravity @ 60°F	0.948
Density, lbs/gal @ 60°F	7.90
Appearance, Visual	Opaque White to Tan
Flash Point (COC), °C (°F)	N/A ⁽¹⁾
Pour Point, °C (°F)	-23 (-10)
Viscosity,	
cSt @ 50°F	374
cSt @ 100°F	90
Viscosity Index	135
Freeze-Thaw Stability, 10 cycles, Water Separation, %	None
Water Content, vol %	~45

⁽¹⁾ **Note:** This product does not support combustion.

Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3apps.phillips66.com/NetMSDS>.

Note: Quintolubric® is a registered trademark of Quaker Chemical Corporation.

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

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