

HYDRAULIC FLUIDS

QUINTOLUBRIC® N 702 WATER GLYCOL HYDRAULIC FLUID (HFC) APPLICATION SHEET

BENEFITS

- » Superior liquid and vapor phase corrosion protection
- » High viscosity index
- » Excellent chemical thermal and hydrolytic stability
- » Excellent shear stability

APPLICATIONS

QUINTOLUBRIC® N 702 is a premium water glycol fire resistant fluid formulated to meet the demand of today's hydraulic equipment. It is designed to provide optimum performance in hydraulic systems where fire resistant fluids are required.

QUINTOLUBRIC® N 702 contains an adequate amount of water to prevent ignition that could occur in hydraulic systems operating under high pressure through sudden line ruptures or fluid contact with a high temperature source. This fluid includes additives that provide lubricity, corrosion protection, and the overall performance demanded by today's high performance hydraulic systems.

QUINTOLUBRIC® N 702 provides a high viscosity index, low pour point, and excellent heat transfer and antifoam performance. These properties, along with the addition of an antiwear component, provide extended pump life in systems operating under high pressure or overloaded conditions.

PROPERTIES

PROPERTIES (TEST METHOD)	TYPICAL VALUE
Appearance	Colorless to yellow fluid
Viscosity @40°C (D445)	46 mm ² /s or cSt
Viscosity Index (ASTM D 2270)	205
Density at 15°C (ASTM D 1298)	1.09 g/cm ³
pH (DIN 51369)	9.3
Pour Point (ASTM D 97)	-39°C
Flashpoint (ASTM D 92)	None
Firepoint	None
Reserve Alkalinity (ASTM D1121)	16 ml 0.1N HCL/10 ml
Water Content	40%

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STORAGE AND HANDLING

If the following criteria are adhered to, the product can be stored for at least twelve months. Recommended long-term storage temperature range: 0-40°C. Keep containers/drums tightly closed when not in use and store in a dry and well-ventilated area.

QUINTOLUBRIC® N 702 is immediately available packaged in steel drums, tote bin containers, or tanker trucks.

PAINTS AND COATINGS

Many conventional paints and coatings that are commonly used in sumps and reservoirs are soluble in water glycol fluids and will contaminate the hydraulic fluid. Any material of this type must be removed prior to the introduction of water glycol into the system. There are a number of coatings which are compatible with water glycols and they are readily available from leading manufacturers.

COMPATIBILITY

QUINTOLUBRIC® N 702 is compatible with most high quality water glycol fluids. It is suggested that any system containing a competitive product be sampled and tested by our laboratory to determine the characteristics of the material and any corrective procedures which may be necessary.

QUINTOLUBRIC® N 702 is not compatible with oil, water/oil emulsions, synthetics or ester based fluids.

FLUID MAINTAINANCE

Before packaging into drum, tote bin container, or tanker, QUINTOLUBRIC® N 702 is filtered at 5 micron to insure optimum performance in servo systems. Filtration to 3 micron is available upon request and at a nominal charge. Please contact your regional Quaker representative for more information.

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Prior to using this product, consult the Material Safety Data Sheet for instructions regarding safe handling and environmental issues.

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