

# TECHNICAL DATA SHEET

## QH HYDROLUBRIC™ 918

FORMERLY QUINTOLUBRIC® 918

FIRE RESISTANT HFA-S HYDRAULIC FLUID

QH HYDROLUBRIC™ 918 is delivered as a concentrate forming a true solution when mixed with water.

QH HYDROLUBRIC™ 918 can be applied in a range of water types varying from very soft to very hard, whereby the recommended water hardness up to 42° dH (Z-water).

The concentration-in-use will depend on the application and on the properties of the process (make-up) water. Because of the large number of water types available, specific recommendations on the usage of QH HYDROLUBRIC™ 918 should be solicited from Quaker Houghton.

### Applications

QH HYDROLUBRIC™ 918 is a fully biocide free, fire resistant hydraulic fluid type HFA-S.

QH HYDROLUBRIC™ 918 is entirely synthetic and when mixed with water it forms a true solution.

QH HYDROLUBRIC™ 918 is easily mixable with water and has an outstanding stability in water with hardness up to 42° dH.

It has an excellent corrosion protection on multi metals commonly used in hydraulic systems.

QH HYDROLUBRIC™ 918 brings an outstanding aging resistance and a highly stable pH of the solution over time.

### Recommendation For Use

The standard concentration range for QH HYDROLUBRIC™ 918 is 1,5 – 3,0%. Shelflife is 1 year under the prescribed conditions.

### Benefits

- Fully biocide free
- Outstanding aging resistance
- Excellent corrosion protection
- Low Water Hazard Class (WEC/WGK 1)
- Meets ISO 12922

### Health, Safety And Handling

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control – we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.

### Properties

PROPERTY	TYPICAL VALUE	UNIT
Test	Result (Concentrate)	
Appearance	Clear yellow to amber liquid	
Specific Gravity at 15°C, ASTM D1298	1,02	g/cm3
pH (neat)	9,7	
Pourpoint, ASTM D97	-3	°C
Test	Result (2% solution in V)	
Appearance	Clear fluorescent	
Corrosion Protection, DIN 51345	Pass all metals	
Emulsion stability at 50°C, DIN 51346	1A-1R (stable)	25 days

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