

TECHNICAL DATA SHEET

QUINTOLUBRIC® 818-02 FS

LONGWALL ROOF SUPPORT HFA FLUID

QUINTOLUBRIC® 818-02 FS is a full solution synthetic, high water-based (HFA) hydraulic fluid concentrate designed for use in longwall shields. This fully-synthetic concentrate has been specially engineered to pass the severe tests developed by Caterpillar, Joy and other major longwall shield OEMs.

Applications

QUINTOLUBRIC® 818-02 FS is delivered as a concentrate, and easily mixes with water for use in roof supports. It requires no agitation for dilution or solution storage. QUINTOLUBRIC® 818-02 FS is compatible with all common dilution mixers such as Dale, Dosatron, Conflow, Smartdose and venturi systems.

Recommendation For Use

Recommended concentration is 2% by volume.

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.

Benefits

- Approved by Caterpillar, Inbye and other major OEMs at 2% in various minespecific waters
- Approved by Joy at 2% in all water types, including type 19 (750 ppm)
- Produced globally in ISO approved facilities to meet mining industry needs
- 97.6% biodegradable in accordance with ISO 7827
- Compatible at 2% with all commonly used longwall fluids for easy conversion
- Dyed for easy underground leak detection, and can help identify fluid injection in workers should an injection occur

Typical Physical Properties

PROPERTY	TYPICAL VALUE	UNIT
Appearance (neat)	Clear fluorescence green liquid	Visual
Specific Gravity	1.019	[ASTM D4052]
pH @4%	9.8	[ASTM E 70]
Freeze Point	-3.3	°C [ASTM D 97]
Pour Point	-3.3	°C [ASTM D 99]
Rust Prevention	Pass 2.0%	OEM Crevice Corrosion Test EWN 8350 Part 3
Rust Prevention	Pass 2.0%	7th Luxembourg Corrosion Test Section 5.9.1

All reasonable care has been taken to ensure this publication is accurate upon issue. Such information may be affected by changes subsequent to issue. This Technical Data Sheet is to be used solely for this product. Prior to any use, consult the Safety Data Sheet (SDS) for information on hazard risks and product use parameters. All liability and all warranties express or implied are hereby excluded as to product performance results, the accuracy of these data including any warranty of merchantability or fitness for any purpose.

