

NEUCHEMIE

Technical Data Sheet

NEU FR 224

FRICTION REDUCER

Applications:

NEU FR 224 is an effective cationic friction reducer for acidizing and coil tubing operations. **NEU FR 224** is a high molecular weight cationic emulsion product that is designed to be used in water based fluids in order to improve friction reduction during operation. Product is applicable in drilling fluids, fracturing fluids, acids and brines. Product is designed to be used in medium and high brine waters.

As a result of products cationic nature, it is applicable in cationic or nonionic based additives.

Product can be used in operations up to 400°F.

Product Data:

NEU FR 224 is a high molecular weight emulsion cationic polymeric additive.

Specification:

Form:	White, milky emulsion
Charge:	Cationic
Solubility:	Water, Acid, Brine
Density:	approximately 1,05

Dosage and feeding:

NEU FR 224 will settle over time and should be agitated prior to use for a min of 20-30 minutes. **NEU FR 224** can be prepared as a batch mix or directly on the fly. High agitation rate is usually recommended. Recommended working solutions of **NEU FR 224** is 0.5% however, stock solutions can be prepared up to 1% by an automatic make-up unit or on a batch basis.

NEU FR 224 dosage will be as low as 0.25 GPT.

Packing and Storage:

NEU FR 224 packaging will be 1000 L tots or 200 L drums.

The shelf-life of product is 6-months.

Please refer to the original MSDS for further information.

Safety/Ecology:

Read MSDS carefully before use.