

RIOMEX™ Series

High Energy Fuel Bulk Emulsion

Previously HEF® A, C, & XLC

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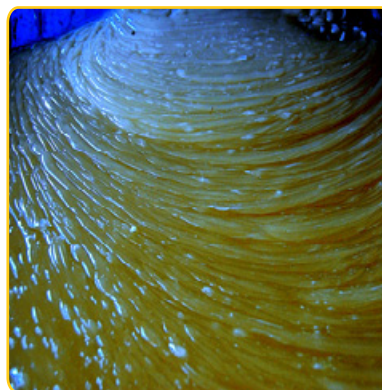
A, C & XLC

RIOMEX™ A is an unsensitized emulsion that can be chemically gassed and is designed for bulk loading applications where water may be present.

RIOMEX™ C is a non sensitized bulk emulsion that is designed for use in an ammonium nitrate blend.

RIOMEX™ XLC is a high density solid sensitized / ammonium nitrate bulk emulsion.

The RIOMEX™ Series have a shelf life of one year when stored properly, and should be stored in approved storage sites and tanks in accordance with local, state and federal regulations. Gassed (sensitized) RIOMEX™ must not be stored in tanks or silos.



Advantages

- High density, bulk strength and velocity
- Easy to pump (lower operating costs)
- Improved borehole coupling/improved fragmentation
- Safe to handle
- Water resistant
- Excellent shelf life
- Optimum results
- Better low temperature sensitivity compared to single salt emulsions
- Lower water content = improved energy density
- Superior Heave Properties



Technical Specifications

Criteria	RIOMEX™ A	RIOMEX™ C	RIOMEX™ XLC
Relative Bulk Strength	1.23	n/a	1.46
Relative Weight Strength	0.81	n/a	0.96
Density (gm/cc)	1.24	1.24	1.24
Velocity of Detonation (ft/s)	17,100 (5,200 m/s)	n/a	17,500 (5,300 m/s)
Water Resistance	Excellent	Excellent	Excellent
Minimum Borehole Diameter	3.5" (90mm)	n/a	2" (50mm)
Initiation Sensitivity	400g (14 oz) cast booster	n/a	400g (14 oz) cast booster
Sensitization	Chemically Sensitized	Non Sensitized	Solid Sensitized

Hazardous Material Classification

Oxidizing Liquid N.O.S.
 Class and Division 5.1
 PG II, UN 3139

Exclusion of Responsibility

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