

EMU-200 Series EMULSION BREAKER

Optimum Emulsion Separation

Description

The EMU-200 series of demulsifiers are yellow to dark colored liquids used to break water-in-oil emulsions that occur in petroleum production operations. They are composed of non-ionic and/or anionic surfactant blends for optimum emulsion separation.

- EMU-201 A sulfonate with a small percent of moderate molecular weight polyglycol. Extremely wide treating range. Not subject to over treating. EMU-201 is a rugged batch treating emulsion breaker.
- EMU-202 A blend of resins, polyols and epoxides specifically blended for fast water drop and dissolution of tight emulsions. Extremely wide treating range. Also available in concentrated form as EMU-202C.
- EMU-203 A blend of esters and resin which gives good overall treating characteristics.
- EMU-204 A blend of esters and resin which yields good cost performance and a wide treating range.
- EMU-205 A blend of epoxides, polyols and resins which yields good water drop and resolves tight emulsions.
- EMU-206 Good oil treater on medium gravity crudes. Can be used in conjunction with EMU-208 to give outstanding results.
- EMU-207 A blend of polyol esters and resins. This product is a quick water dropper. Best performance on medium gravity oils.
- EMU-208 A sulfonate with narrow treating range. Very useful in treating high gravity oils.
- EMU-209 A broad spectrum of bases with proven effectiveness on treatment of waste and slop oils. EMU-209 provides clean top oil, good water break and good separation of solids.
- EMU-210 A blend of a phenolic resin and a polyol ester. The product is useful in the treatment of low gravity crude oils containing paraffins and asphaltenes.

Properties

Physical State:	Liquid	Chemical Type:	Surfactant in aromatic solvent
Color:	Varies w/Product	Pour Point:	Below 30°F (-1°C)
Odor:	Pungent	Density:	7.1 lb/gal average @ 60°F (15°C)
Shelf Life:	1 year	Flash Point:	Varies w/Product
Boiling Point:	Above 212°F (100°C)	Viscosity (cp):	Varies w/Product
Specific Gravity:	0.85 average @ 60°F (15°C)	Ionic Character:	Non-Ionic and/or Anionic

Application The EMU-200 series of demulsifiers are continuously injected upstream of oil and water separation equipment, normally at 20 – 300 ppm of total produced liquids. Injection as far upstream as possible normally aids separation due to better mixing with the emulsion.

Compatibility The EMU-200 series of demulsifiers are incompatible with water (in container). No incompatibility with produced water in system.

Handling EMU-200 series materials are flammable liquids. Keep away from heat, sparks, open flames and any ignition source. Refer to the Material Safety Data Sheet (MSDS) for handling and hazard data.

Packaging EMU-200 series of demulsifiers are available in 55 gallon poly drums.