

PRODUCT DESCRIPTION

The PE-XXX range 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.

PE-103 A sulfonate with a small percent of moderate molecular weight polyglycol. Extremely wide treating range. Not subject to over treating. PE-103 is a rugged batch treating emulsion breaker.

PE-401 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 PE-401C.

PE-402 A blend of esters and resin which gives good overall treating characteristics.

PE-404 A blend of esters and resin which yields good cost performance and a wide treating range.

PE-405 A blend of epoxides, polyols and resins which yields good water drop and resolves tight emulsions.

PE-421 Good oil treater on medium gravity crudes. Can be used in conjunction with PE-455 to give outstanding results.

PE-425 A blend of polyol esters and resins. This product is a quick water dropper. Best performance on medium gravity oils.

PE-455 A sulfonate with narrow treating range. Very useful in treating high gravity oils.

PE-811 A broad spectrum of bases with proven effectiveness on treatment of waste and slop oils. PE-811 provides clean top oil, good water break and good separation of solids.

PE-1000 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.

RECOMMENDED APPLICATION

PE-XXX range of products are continuously injected upstream of oil and water separation equipment, normally at 20 - 200 ppm of total produced liquids. Injection as far upstream as possible normally aids separation due to better mixing with the emulsion.

COMPATIBILITY

PE-XXX range of demulsifiers are incompatible with water (in container). No incompatibility with produced water in system.

TYPICAL PHYSICAL PROPERTIES

Form:	Liquid
Chemical Family:	Surfactant in solvent
Color:	Varies with product
Solubility:	Varies with product
Odor:	Pungent
Wt. per Gal.:	7.1 lbs. (average)
Charge:	Nonionic &/or Anionic
Flash Point:	Varies with product

HANDLING/STORAGE

PE-XXX 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

PE-XXX materials are shipped in 55 gallon poly drums.