



NX Chemical

## BioBreak® Technology

Emulsion Breaker | Water Clarifier | Hydrocarbon Recovery | Solids Control

**BioBreak Technology** are products based on biopolymers that can be used for many applications such as:

- Improved separation efficiency in oil or crude-water emulsions (primary and secondary separation)
- Hydrocarbons removal and recovery in process water, produced water, waste water, and other oily waters
- Solids removal and iron control in flowback water and produced water
- Onshore and Offshore operations
- Lower hydrocarbon to 5 ppm and below

**BioBreak Technology** is composed of different biopolymers and described below:

- REB-30: biopolymer with high cationic charge density
- REB-36: biopolymer with high mix charged density
- REB-37: biopolymer with high polar density

**BioBreak Technology** is the safest, most versatile, effective and economical solution to any process where hydrocarbons and solids control is needed. Some details of **BioBreak Technology** are indicated below.

### BioBreak Features:

- Lower hydrocarbon content in water to below 5 ppm in most cases
- Green Chemistry Biopolymer-based sustainable materials
- Can be used in primary oil-water separation or secondary separation
- Compatible with other chemical additives
- Water-based, safe and not categorized as Dangerous Goods (non-DG)
- Will not produce sludge, scum, solids or deposits inside production or process equipment
- Excellent for produced water treating, frac water and flowback water reuse
- Will not affect downhole performance
- Cost/performance superior to any other product
- Simple to apply and use
- Non-Toxic, non-flammable and non-corrosive
- Biodegradable

### Industries:

- Oil & Gas (Upstream, Midstream & Downstream)
- Municipal Waste
- Metal Production
- Industrial Facilities and Manufacturing Facilities

### Product Formats:

- 55-gallon drums, 330-gallon totes and 5,000-gallon truckloads