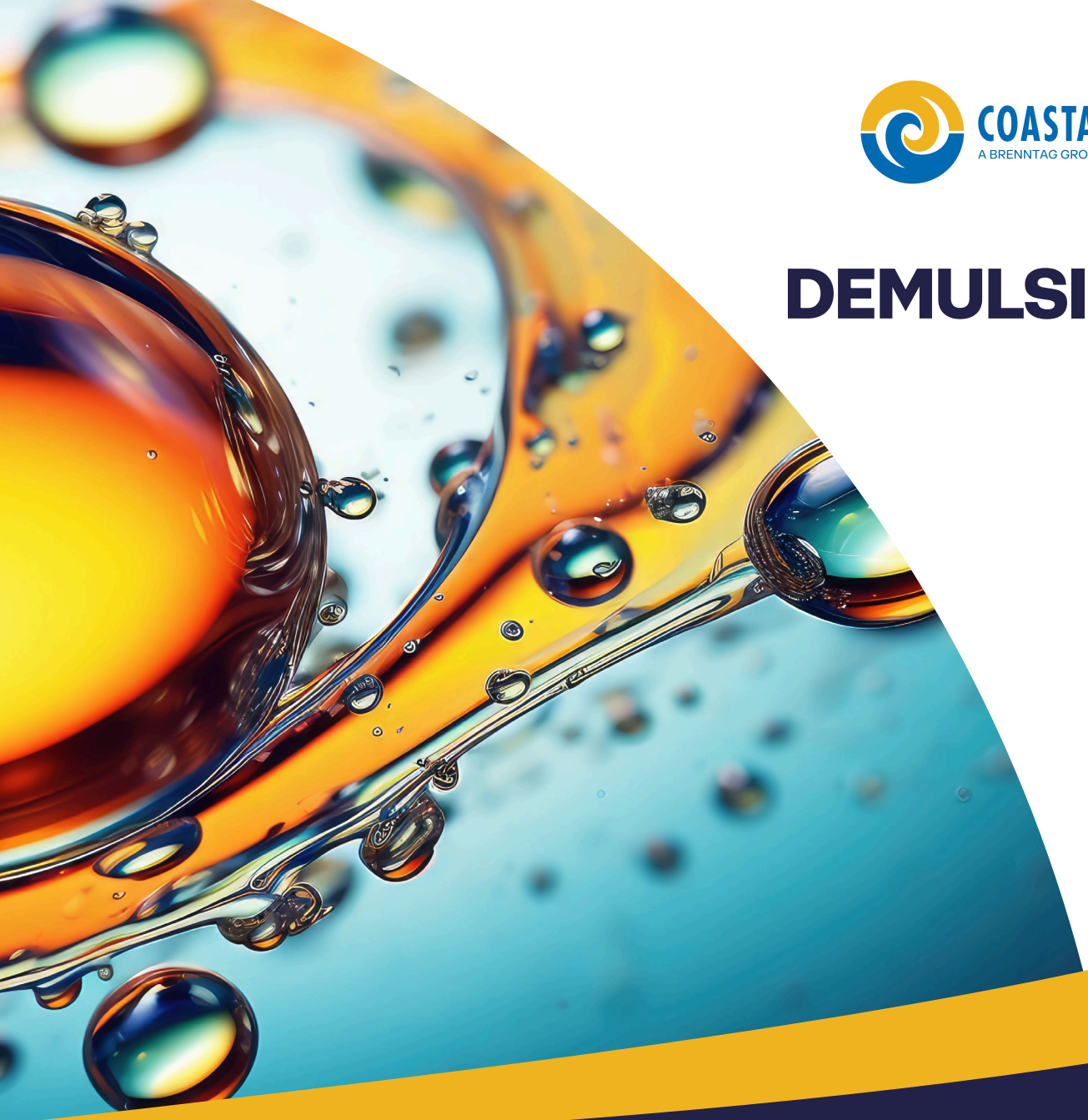

COASTAL CHEMICAL
A BRENNTAG GROUP COMPANY

DEMULSIFIERS

ABOUT US

In treating emulsions, various parameters are considered to develop the most efficient and economical treatment program.

Coastal's chemical strategy for emulsion breaking and water separation is designed to specifically address:

- Effective demulsification in oil, water, and multi-phase production streams
- Minimizing basic sediment and water (BS&W) levels
- Optimizing separation efficiency to enhance oil quality and reduce operational costs
- Application of new demulsifier technologies for varying crude oil characteristics and field conditions

DEMULSIFIERS PRODUCTS

We offer a comprehensive portfolio of solutions to meet a wide range of operational needs. However, the products that best represent our core strengths and deliver the most value are highlighted in the table below. These key products reflect our most reliable, proven, and widely used formulations.

Demulsifier Names	Main Chemistry	Emulsion Tightness	Best For	Target PPM	Treatment Method
4067E	Sulphonate/Resin	Medium - Tight	Solids induced emulsion (inorganic/organic)	150-300	Continous / Batch
1205E	Polyol	Light-Medium	Heavy crude oils	150-300	Continous
1207E	Dipoxide / Polyol	Light-Medium	General purpose	150-300	Continous
1157E	Sulphonate/ Polymer	Medium - Tight	General purpose	150-300	Continous
4152E	Mixed Resin	Medium - Tight	Dark crude oils	150-300	Continous
DMO5289	Polyol / Resin	Light-Medium	General purpose	100-300	Continous
DMO2579	Sulphonate	Light-Medium	General purpose	100-300	Continous
4194E	Complex Blends	Tight / Foaming	Polymer Induced Emulsion	150-500	Continous
4138E	Complex Blands	Tight / Foaming	Polymer Induced Emulsion	150-500	Continous
TBC-20	Sulphonate / PHOS acid / Quat	Extremely Tight	Tank Bottom cleaner	500-1000	Batch

VALUE TO OUR CUSTOMERS

Coastal Chemical Application Engineers design each treatment from Product selection to the monitoring KPIs.

We continue value generation and reduction of costs through lean six sigma methodologies with our internal processes.

PROCESS OPTIMIZATION

- Improved oil-water separation
- Higher crude oil quality
- Reduced emulsion-related downtime
- Optimized chemical usage
- Increased throughput capacity
- Better desalting efficiency
- Lower operating costs

SPECIALTY APPLICATIONS

- Oil-water separation in production facilities
- Slop oil treatment
- Emulsion treatment in tank bottoms
- Enhanced separation in electrostatic treaters
- Dehydration during well testing and flowbacks
- Heavy oil and high water-cut crude processing

Contact Coastal Chemical today and get the Energy LEADER on your side.

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