



OIL EMULSIFICATION



MARTECH RESEARCH has years of experience in emulsifying a variety of oils. We have a wealth of experience with numerous allergen-free emulsifying agents. Our capabilities with pre- and post-processing make many options possible.

CAPABILITIES

Bench scale
0.5 L to 30 L

- Smaller homogenizers handle as little as 250 ml
- Larger homogenizers handle up to 8 gallons

Pilot scale
70 L to 550 L

- IKA in-line Colloidal mills handle up to 1,000 gallons

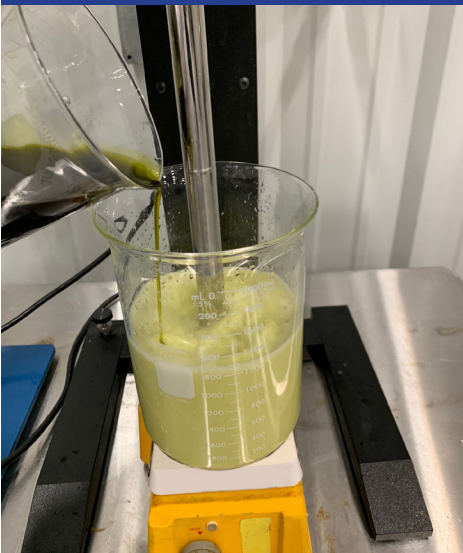
Large scale
6,000 L to 35,000 L

- IKA in-line Colloidal mills handle up to 10,000 gallons

Large scale High Pressure Homogenizer

- 8,000 PSI Gault Homogenizer handles up to 600 gallons per hour

OIL EMULSIFYER



R+D work can start at the bench scale and be developed into pilot and full-scale production.

Emulsified solutions can then be spray-dried or further developed for processing.

Packaging available in tankers, tote tanks, 55-gallon drums, 6-gallon pails, and blue heat-sealed bags.



AA RATING



PILOT SCALE



PRODUCTION SCALE



LARGE SCALE HI-PRESSURE