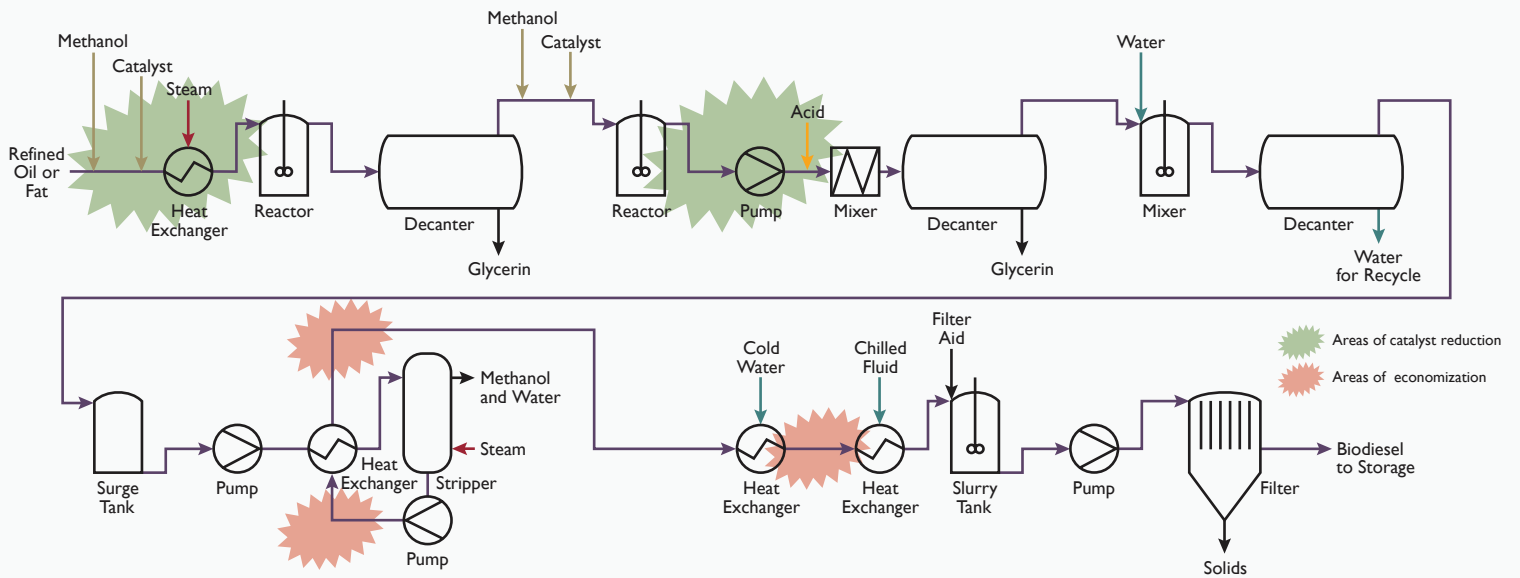




# Lower Your Operating Cost Per Gallon



## ADVANCED CATALYST REDUCTION & ECONOMIZATION™



CPM Crown's proven innovation leads the way.

Backed by our expertise in biodiesel processing, Crown introduces a process upgrade for biodiesel manufacturers. ADVANCED CATALYST REDUCTION & ECONOMIZATION (ACRE) allows you to run at the lowest operating cost and highest efficiency by adding a third transesterification reaction step while also delivering an energy efficient design for reduced cooling load and steam use.

# Upgrade your technology to ACRE

## Advanced Catalyst Reduction & Economization™ (ACRE) advantages:

- Plants in production achieving 40%+ catalyst reduction
- Reduced acid usage
- Energy savings through economization
- Reduced load on cooling and heating systems
- Increased uptime
- Minimal plant disruption - short implementation time can be coordinated with annual shutdowns
- Proven in multiple geographies
- Proven with different feedstocks
- Can be retrofitted in plants with decanter and centrifuges
- Ideal for greenfield installations
- Consistent biodiesel quality
- Higher quality glycerin with less salt content

40%  
LESS

catalyst  
used

\$.03

per gallon  
savings

## Proven in new and existing plants.

This latest innovation from Crown is running successfully in multiple plants and yielding impressive results. As a system upgrade, it's easily retrofitted into any unmodified Crown plant. This upgrade may also be available for centrifuge operations. Greenfield installations can benefit greatly from including this technology in designs to improve performance

and total cost of ownership. In addition, with fewer moving parts to repair, Crown's decanter-based biodiesel program supports a robust operation with proven reliability and increased uptime.

## For game-changing innovation, partner with Crown.

CPM Crown's Global Innovation Center is a facility unlike any other. A fully functional 15,000 sq. ft. pilot plant, analytical lab and training facility, the GIC offers piloting capabilities from benchtop lab scale to multiple tons per day of continuous production, simulating real life and enabling customers to develop and test new product concepts in a confidential, controlled environment. The GIC has capabilities in preparation, extraction, desolventizing, drying, deodorizing, refining, fat splitting, renewable diesel and specialty extraction (including Hemp CBD Oil). Crown's technical expertise, R&D and full lifecycle process provide guidance and support at every step from feasibility, trials and custom processing to commercial-sized operations and aftermarket.



Feeding, Fueling and Building **a Better World.**



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