

Process & Facility Engineering Services for the Fats & Oils Industry to *Keep You Moving Forward*



Unprecedented demand for everything from environmentally responsible chemicals to renewable energy is continually pushing the oilseeds industry to develop breakthrough technologies and innovative products. While this is a truly exciting time, growing opportunities come with increased challenges.

At ADF Engineering, we understand these challenges, and we can help you overcome them.

ADF Engineering is a leading provider of process and facility engineering solutions for the food, feed, biofuel, and bioscience industries with the experience, tools, and expertise to tackle all of your toughest engineering challenges. Our skilled engineers have decades of proven field experience and possess the knowledge and imagination to develop results-driven, cost-effective solutions for our clients. We are well-versed in today's best practices and use the latest engineering tools to create advanced process models and designs.

We offer comprehensive support that extends from in-depth process development to project management and facility design. Whether you're starting from scratch or looking to optimize existing processes, equipment, or facilities, we've got you covered.



To learn more about how ADF Engineering can keep you moving forward, visit ADFEngineering.com.

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ADF Solutions

- Hygienic Design for Food
- Feedstock Flexibility
- Oil Blending for Trans-Fat Replacement
- Vegetable and Tropical Oils Processing
- Non-GMO Process Segregation
- Combustible Dust Safety
- Modular & Skid Design

Applications: ***Oilseeds Processing***

- Crushing & Preparation
- Extraction
- Lecithin
- Degumming
- Refining, Bleaching & Deodorizing
- Tocopherol Recovery
- Solids Handling & Conveying
- Product Blending & Emulsification

Surfactant Manufacturing

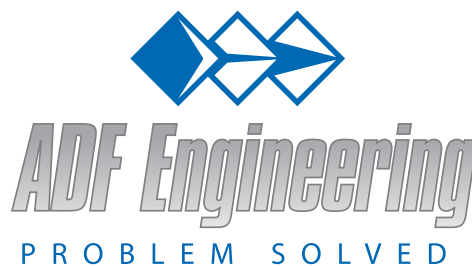
- Synthetic & Natural Oils
- Sulfation & Sulfonation
- Neutralization
- Soaps & Detergents

Oleochemicals

- Fatty Acids & Alcohols
- Synthetic & Natural Feedstock Flexibility
- Ethoxylation

Biodiesel Processes

- Process Modeling
- Algal Oil
- Glycerin Refining USP and Chemical Grades



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