



**Specialist in  
Esterification plants  
Reduction of fatty acid from  
15-85% down to 1-2%**



- **Biodiesel plants**

Esterification of side stream fatty acid for return into the main product stream

- **Esterification of waste fatty acids**

Waste fatty acid by esterification with glycerol will be converted into eco-fuel for combustion in gen sets

- **Food, Feed and Oleochemical industries**

Production of functional esters as energiser (MCT), lubrication oil, printer etc.

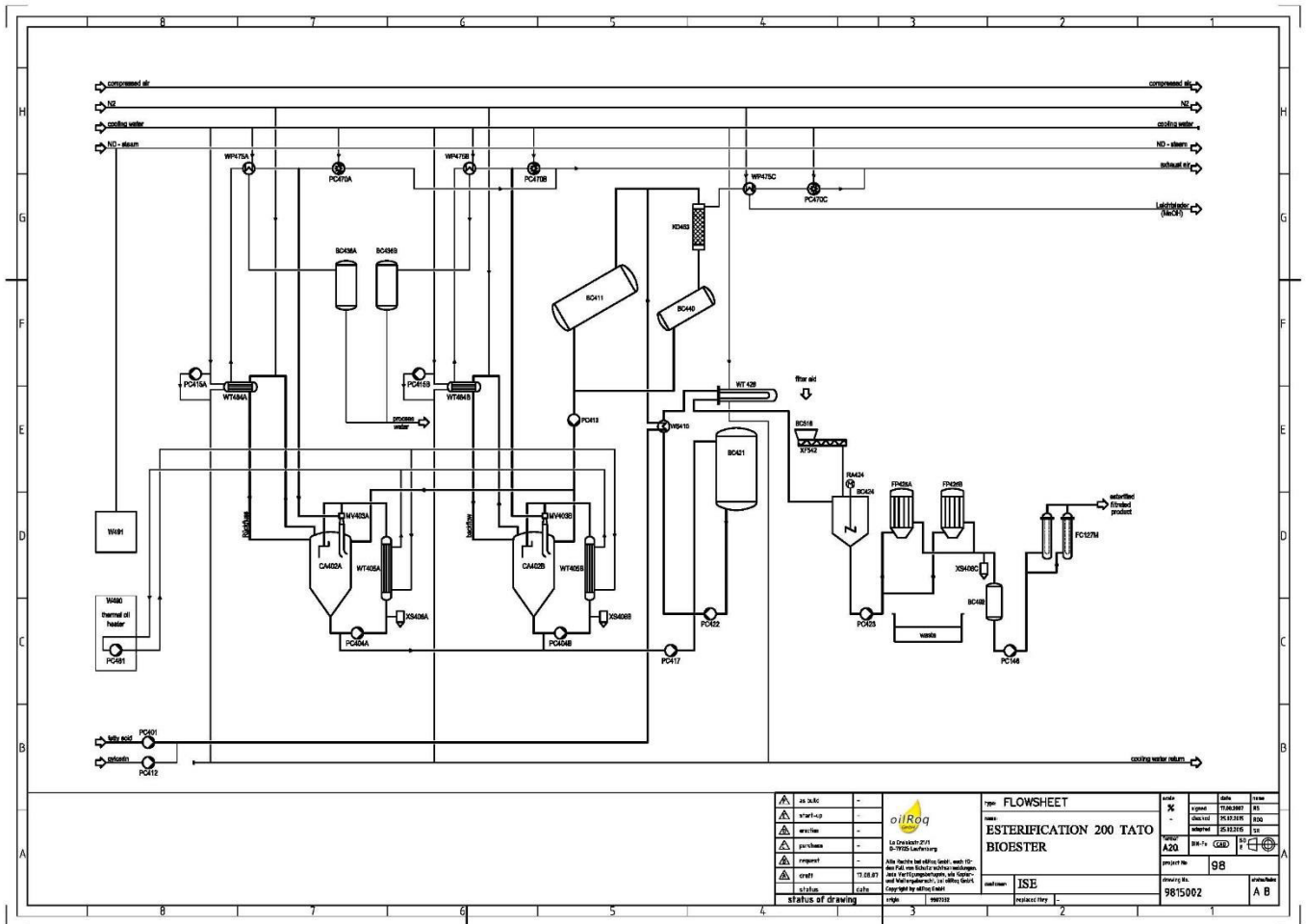
- **Cosmetic industry**

Esters with multi-functional properties.



# Specialist in Esterification plants Reduction of fatty acid from 15-85% down to 1-2%

process: The proven process works without catalyst and reaches a conversion of 99%.



references:

Baujahr	Firma / Ort	Anlagen
2005	Biodiesel Schwarzheide	20 t Loop esterification of fatty acid from side stream
2005	Peter Greven Fettchemie	10 t Loop Veresterung GMP Standard
2008	AVG, Magdeburg	2 x 20 t esterification with filtration of waste fats / eng.
2009	Natoleo Dubois	13 t esterification of MCT with filtration for food app.
2010	Lurgi / Rotterdam	20 t esterification of PO fatty acid
2010	Carotino	10 t esterification of MCT
2011	Lurgi / Rotterdam	20 t esterification of PO fatty acid
2013	Peter Greven	30 ltr trial center
2015	Xinli	2 x 30 t Loop esterification plant

oilRoq GmbH  
Willy-Brandt-Straße 59  
D-06110 Halle / S.

Tel. +49 (0) 345 68578071  
Fax. +49 (0) 345 68578077  
email: [info@oilRoq.eu](mailto:info@oilRoq.eu)