



Level



Pressure



Flow



Temperature



Liquid
Analysis



Registration



Systems
Components



Services



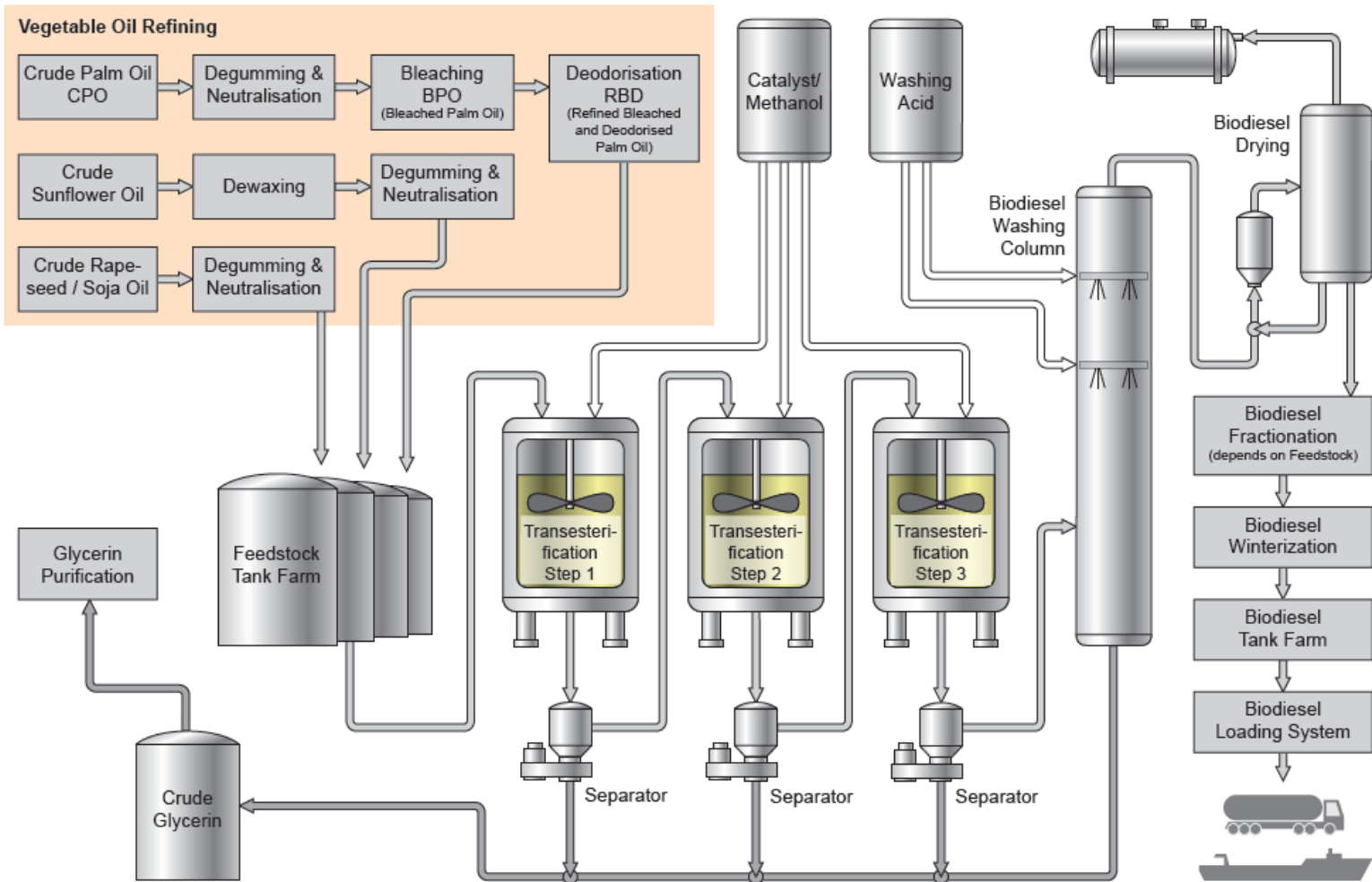
Solutions

Biodiesel Competence

Production process

Biodiesel Production Process map

Biodiesel Production



Biogas Competence

Biogas energy measurement

CARBOSYS

CDM – Solution

Biodiesel Competence

Bioethanol Competence

Solar PV energy

Solar thermal power plant

Competence in Power & Energy

W@M – Life Cycle Management

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The Tank farm

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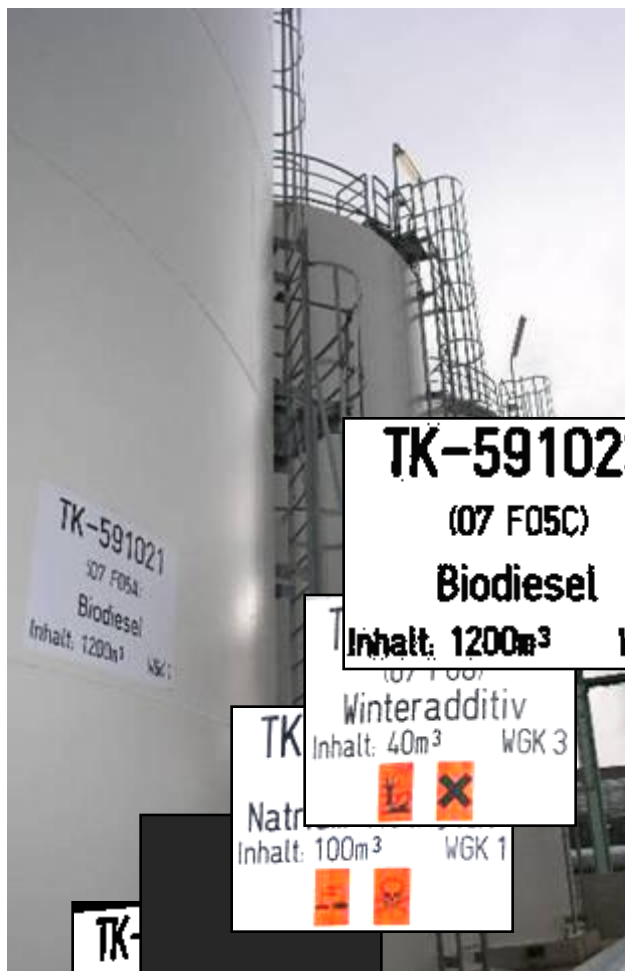
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Many different products with special needs, Measuring Level and Limit with:

- Liquiphant M FTL51 as Limit switch
- Micropilot M FMR240 Level Radar



Promass Massmeter

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Bio-Diesel Production
Plant in Frankfurt



Bio-Diesel Production Plant
MUW in Greppin Germany

Sulphuric acid Tank

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Level Measurement with:

Level-Radar FMR 245

Limit Detection with:

Vibration Limit Switch FTL51



The Cooling System

Biogas Competence

Biogas energy measurement

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Pressure and Temperature control of the Cooling system.

1. pH-Measurement after the Transesterification

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Methyl ester washer
pH 2,5...3,5

Bypass Solution with:

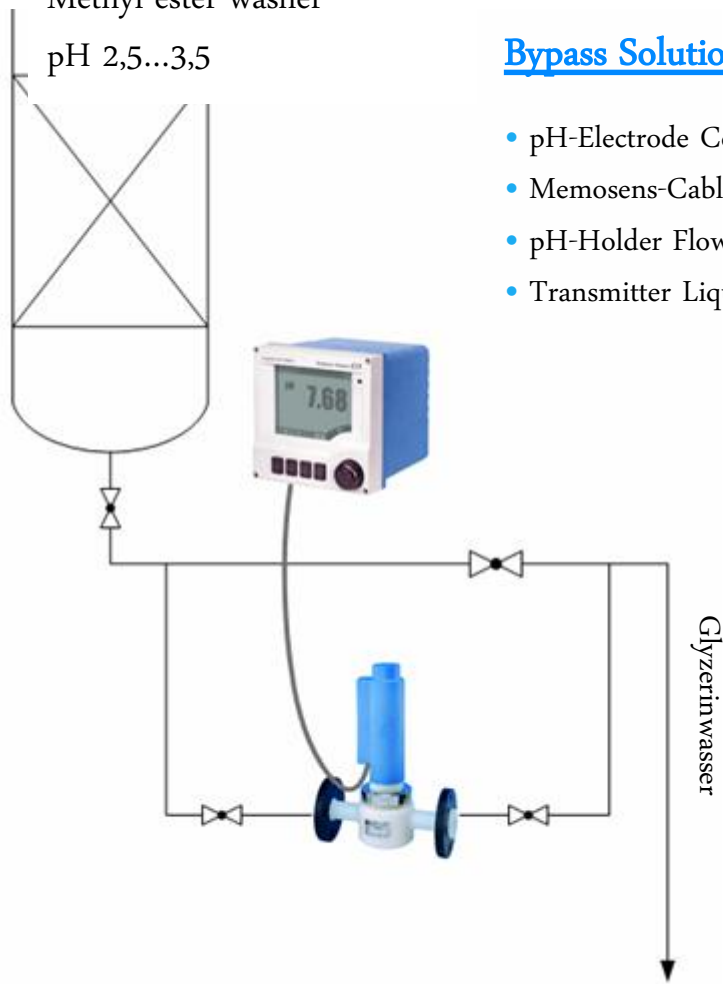
- pH-Electrode Ceragel
- Memosens-Cable
- pH-Holder Flowfit
- Transmitter Liquiline

CPS71D-7BC2G

CYK10-G051

CPA240-22AB210

CM42-MGA200EA00



Bio-Diesel Loading

Biogas Competence

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Promass 84F Coriolis Mass Flow Measuring System,
the universal flow meter for custody transfer.

Together with the measured temperature
we are calculating standard volume by 15°C.



References in Biodiesel

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