

**Title:** A New Tranesterification Technique for Oils and Fats: Fatty Acid Methyl Esters Production by Continuous Non-Alkaline Catalyst

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**Summary:**

An obvious next step for the increase of natural oils/fats production is in the non-food applications. Main technologies will be developed in the oleochemistry area.

Basic raw material for olechemistry being the fatty acids methyl esters, and the existing alkaline catalyst based methylation, presenting some disadvantages; a new route based on non-alkaline catalyst was studied by Extraction De Smet Belgium. Industrial piloting was done in two stages: first batchwise, then in a continuous pilot plant. The process is described, with the technical and economical advantages versus alkaline catalyst route.

**Market Segment:** General Interest

**Accessibility:** Private

**Files Available:** *this report is not available at this time*