

**T1988TECH20****ECONOMIC AND TECHNOLOGICAL FACTORS TO BE CONSIDERED WHEN  
SUBSTITUTING VEGETABLE OIL FOR MINERAL OIL**

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The materializing agricultural overproduction in the field of oilseed extraction can be appropriately used as substitute for mineral oil. The vegetable oil produced from these "renewable raw materials" can be used either as fuel oil or as motor fuel. The expenditure for the steps to be taken for oil extraction from seeds, oil refining and further oil processing differs in accordance with the respective application of the oil. Particularly for the operation of conventional diesel engines the oil has to be interesterified into a methyl ester.

Due to the fact that, nowadays, liquid fuels have become very cheap again, it has to be ensured that the extracting of vegetable is carried out causing as few costs as possible. Therefore, when a mineral oil substitute is to be produced in decentralized oil mills running with low throughrates, finish pressing of the seed is definitely much more preferable in comparison with oil extraction by means of solvents.

A decisive factor of the efficiency of this process is that the partly deoiled solid matter can be marketed. Specific demands for feedstuff with a higher fat content are frequently received.