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## **Biodiesel Production from Organic Raw Materials**

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**Abstract:** It is revealed that the cause of discrepancies of physicochemical characteristics of the biodiesel requirements of GOST is the presence of methyl esters high unsaturated carboxylic acids. It is proved that the direct hydrogenation of components of biodiesel reduces the number of multiple connections, but leads to a sharp increase in the boiling and melting points, making the recovered fuel unusable. For the first time it has been found that in order to improve operational and environmental properties of biodiesel the most promising is the addition of esters of carboxylic acids limiting and alcohol with lower molecular weight. The technology of composite fuel has been developed; the biofuel is fully consistent with commodity diesel fuel. The basic stages of the process have been set. The basic ingredients for producing a composite fuel have been determined.