

# **Membrane Technology as an Alternative Technique for Evaluation of Oil Refining Waste**

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Crude oils are treated for the removal various impurities and contaminants to produce edible refined oils. Oil refining consists of various processing steps such as degumming, neutralization, bleaching, and deodorization. High amount of waste material is produced as a result of reduced and removed components during the process. Hence; a potential source is also obtained for production of industrial chemicals when treated with accurate technology.

Membrane technology is a future promising technology in oil and chemical industry. There is limited work on application of membranes to the treatment of oil refining wastes. This study is an attempt for reviewing the efforts for the use of membranes especially on separation of waxes from winterization waste; and production of sterols, squalene, and tocopherol from deodorization distillate.