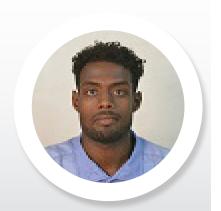
## 16<sup>th</sup> International Conference and Exhibition on Petrochemistry and Chemical Engineering

October 25-26, 2021 | Webinar



Dr. Tarig Mamoon Ahmed abdalla University of Khartoum, UAE

## **Recycling of used lubricant oils**

The objective of this research is to treat, recycle and reuse of different used lubricant oils using: Physical methods of distillation, sedimentation and filtration to get rid of water, corrosive fuels, solids and mineral deposits. Chemical methods of breaking bonds by chemical reactions, removing water residues, restoring the color of the oil, and improving the additives so that the oil is usable. The result of treatment of the used motor oils, physical and Chemicals showed that the resulting treated oil contain all the important characteristics of the base oil that makes up the motor oil and other oils, the other properties are controlled according to the oil's need, purpose and operating conditions, through the specified additives. It is there for recommended to use the distillation method for purification and recycling.

## **Biography**

Tarig Mamoon Ahmed abdalla is a Graduate engineer from Sudan University of Science and Technology for the year 2017. He is managing a group of private and free projects from a distance. He Works as a collaborator in the field of university and secondary education.

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