



# Design Aspects of Used Lubricating Oil Re-Refining

By Firas Awaja, Dumitru Pavel

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**Design Aspects of Used Lubricating Oil Re-Refining** By Firas Awaja, Dumitru Pavel

**Design Aspects of Used Lubricating Oil Re-Refining** presents a feasible and comprehensive technology for recycling of used lubricating oils. This book discusses efficient and effective ways of reusing lubricating oil which, if implemented, will result in a better quality of life, the stability of the environment, the health of national economies and better relationships between nations. It presents essential experimental results for process designers and engineers to establish a complete process design. The conditions and behaviour in each step in the re-refining process, (dehydration, solvent extraction, solvent stripping, and vacuum distillation) are examined in order to discover ways to recover and reuse wastes that are produced by lubricating oils.

- Addresses and demonstrates the current knowledge of the process behaviour and re-refining technology of used lubricating oils
- Introduces background information on the lubrication, oil recycling industry outlining the major manufacturers and detailing their processes
- Contains 94 figures and 22 tables that on results regarding the re-refining process behaviour of used lubricating oil

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*By Firas Awaja, Dumitru Pavel*

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