

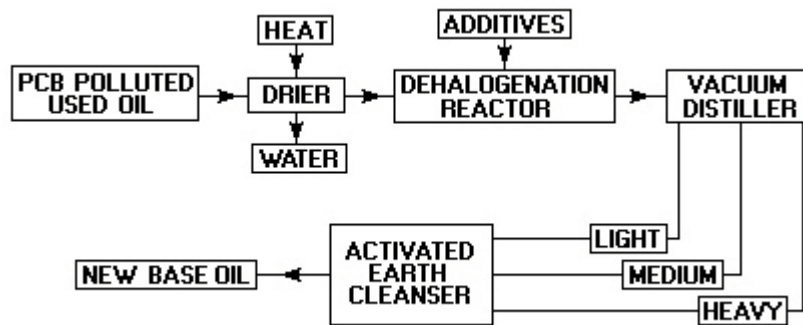


ODR TECHNOLOGY

Oil Decontamination & Regeneration

Decontamination, regeneration and recover of PCB polluted oils

This method can decontaminate, regenerate and recover as new, used mineral oils polluted by PCB up to 5.000 ppm. The process, operated in continuous or by batches, consists in 3 different working phases. At the beginning the oil is vacuum dried to eliminate completely water, solvents, and other low boiling compounds. After, it is brought into contact with a set of basic reactive at high temperature in the reactor, where acids, metal organic salts and PCBs are turned into hydrocarbons and insoluble salts in the oil. With a three stage vacuum distiller, the entire quantity of oil is extracted and divided in 3 phases (light, medium, heavy), and each of these corresponds has its distillation range. If necessary at the end, the oil could be refined and bleached with bleaching earth.



This plant, fix or mobile, is suitable for the treatment of the following materials: mineral oil PCB polluted. Mobile version is recommended for the not movable big transformers treatment. The system allows in few hours to complete the elimination down to zero ppm PCBs content and oil regeneration, with very low operating costs.

Research and Care in Oil Field
 Since 1974 Specialist in Dielectric Oils and Heat Transfer Fluids