

The invention concerns a method and a plant for regenerating lubricating waste oil with low content of fuel, fatty acids and chloric products. The lubricating waste oil is subjected to the following steps successively: adding strong bases in aqueous solution at the rate of 0.5 to 3% of pure bases by mass of waste oil; dehydrating and extracting the light hydrocarbons, extracting and recuperating the gas oil (stripping); extracting the impurities. The invention is characterized in that a complementary addition of a strong base in aqueous solution at the rate of 0.1 to 1% by mass of waste oil is carried out following the dehydrating and extracting of light hydrocarbons. The treated lubricating waste oil is rid of its impurities by distillation.