

## Proper disposal of oil waste

The spent lubrication oils are problem waste. Remember to handle waste oil properly and in no case let it enter the nature environment or the sewer system. One litre of oil is enough to contaminate one million litres of groundwater used by households. According to the official regulations, the owner of the oil must know the amount, type, and origin of the waste. Oil that has entered the soil, also biodegradable oil, must be collected as completely as possible. Waste oil must not be disposed by burning. In some communities, companies are allowed to take their waste oil to the collection point designated by the community.

The most flexible and economical solution can be reached by contacting Ekokem at +358 10 755 1000 or one of its partner companies.

## Sorting

The different lubricant grades are used in various ways. With proper sorting you will promote effective utilization and reduce your waste bill.

Good quality spent lubricating oils are collected free of charge, so keep different types of waste oil separate from each other and from other waste. In order for there to be no charge, the spent lubricating oils must not contain other problem waste, the batch must be over 400 litres, the pick-up can be done with a tank truck, and the community is not obliged to arrange for oil collection. The oil may contain water up to 10% maximum. If the water content exceeds 10% or if the waste oil contains other extraneous substances, there is a charge for the transportation and handling based on the Ekokem price list.

For sorting, you will need separate tanks for each type of oil. If the accumulation of clear oil is more than 0.5 m<sup>3</sup> per year, it is advisable to store it separately. Also reserve a separate storage vessel for vegetable oil-based waste and for solid waste containing oil.

## Storage and marking

A good problem waste storage is covered, has a liquid-tight bottom, and preferably is lockable. It must also have easy access. Mark the oil waste storage place, the storage tanks, and vessels according to the type of waste. The floor must be of oil-resistant material, for example, cast concrete. Peat or other oil-absorbing material must be available in the event of a spill.

The volume of accumulating oil waste affects the choice of storage vessels. If you do not have oil tanks available, you can rent or buy e.g. 1,000-litre miniature storage containers as collection vessels.

It is advisable to place the storage container so that it can be easily emptied with a tank truck. Inside, the tank should be either close to the door or placed so that the discharge connections lie outside the wall.

If the tank is outside, prevent water from entering the tank and organize emptying at least once a year. Mark the container "oil waste".

If there are only minor amounts of waste oil accumulating, you may use as collection vessels the same 200-litre vessels in which the oil was bought. They have the necessary caution markings ready, and they

are closed easily and transported with little effort. Always clearly cross out the product name in the label and mark the type of oil waste stored in the drum.

Careful oil waste management does not cause unpleasant surprises - bills. The water content of oil creates costs in reprocessing, and, if the water content exceeds 10%, the producer of the waste is charged. The typical reasons for the oil containing water are negligent storage or insufficient sorting.

#### Pick-up of spent lubricating oils and packing

Oil is picked up upon request. The minimum batch size for spent lubricating oils is 1000 litres. Batches between 400 and 1000 litres are picked up on an agreed schedule. If the amount of oil accumulating from your operation remains below 400 litres annually, take the oils to the municipal collection point. If you are uncertain whether you are included in community-organized oil collection, check with the environmental officials in your community.

#### Empty vacuum packs

Empty oil packs must not be taken to the dump without prior cleaning. Used, whole, and cleaned drums may be reused. Plastic miniature packs must be taken to the municipal waste reception point.