



Typical items we accept:

- Automotive Oil
- Hydraulic Oil
- Industrial oils
- Cooking Oil

The UK's Oil Recycling Association (ORA) estimates that 700,000 tonnes of waste lubricating oil is generated in the UK each year as well as 50-90 million litres of waste cooking oil. Currently less than a third of all waste oil produced is recycled. Re-refining waste oils consumes 89% less energy and emits 65% less emissions than refining crude oil.

On average, 200,000 tonnes of Processed Fuel Oil (PFO) is produced each year from recycling used lubricants such as car engine oils. PFO can be used instead of virgin fuel to fire burners in power stations, boilers, lime kilns and roadstone coating plants.

Oil recycling involves the recovery of used oils and the process of creating a new product. It is vital as oils are a significant risk to the health of the environment as one gallon of motor oil dumped into the waterways has the potential to pollute one million gallons of water.

OUR WASTE OIL SOLUTION

We supply a range of sealable drums to enable waste oils to be collected safely on-site. We can arrange to collect on a scheduled, on-demand or one-off basis to meet your particular requirements.

Electronic Duty-of-Care consignment notes are generated for each collection which provides clients with a complete trail for the management of oil wastes to demonstrate compliance with the Hazardous Waste Regulations 2016.

We bulk waste oils at our Materials Recycling Facilities (MRFs) and transport them to a re-refinery for processing. Re-refining is the process of restoring used oil to new oil by removing chemical impurities, heavy metals and dirt at a re-refinery.

The wastes are dehydrated and then treated using a series of techniques including vacuum distillation, hydro treating and catalytic hydrogenation to remove additives, residual polymers and other by-products.

Final oil separation called fractionating separates the oil into three different grades: Light viscosity suitable for general lubricant applications, low viscosity for automotive and industrial applications, and high viscosity lubricants for heavy-duty uses.

Recycled motor oil can be combusted as fuel, usually in plant boilers, space heaters, or industrial heating applications such as blast furnaces and cement kilns. Recycled motor oil can also be distilled into diesel or marine fuel in a process similar to oil re-refining.

Vegetable oils are refined into a range of certifiable biofuels which can power road transport and sustainable heat and power systems using WRAP's Biodiesel Quality Protocol.

Our digital data capture systems enable us to provide complete chain-of-custody reporting from collection to final destination. Electronic waste transfer notes are issued for all materials we manage in compliance with your Duty of Care obligations.

The McGrath Group is accredited to various trade bodies and accreditations including PAS 402:2013. We also operate an integrated management system which is certified against international standards OHSAS 18001 (Health & Safety), ISO 9001 (Quality) and ISO 14001 (Environmental) this ensures our products and services are supplied safely, consistently and sustainably.



KEY FACTS

EWC Codes:

13 07 01
13 02 08
13 01 01
20 01 25
15 02 02
16 01 07

Percentage we recycle:

100%

Relevant regulations:

Waste Oil directive EEC87/101
Hazardous Waste (England and Wales) (Amendment) Regulations 2016
Control of Pollution (Oil Storage)2001
COSHH Regulations 2002

