

WHAT IS USED OIL?

Used oil petroleum-based or synthetic oil contaminated with impurities.



Generated from engines industrial uses, and mainly cars (50%)



Contains toxic PAHs, heavy metals: causes chronic health risks.

IMPACTS ON HEALTH



Exposure to used oil can adversely affect immunological and reproductive systems, and may cause damage to the kidneys, liver, heart and lungs.

The impacts on fauna include toxic contamination, impaired reproduction, damage to the intestinal tracts and reduced insulation.

IMPACTS ON THE ENVIRONMENT

- If oil is not managed properly, it can cause FIRE
- Used oil can travel long distance in water and can affect marine life when reaches the ocean
- Used oil spillage can seep through the ground and affect under-ground water.
- Poor Used oil management can pollute the environment through soil contamination and the air pollution

Join us in safeguarding Samoa's environment by

PROPERLY MANAGING USED OIL

Please contact us:

Ministry of Natural Resources & Environment
Private Mail Bag
Tafaigata, Apia
Samoa

Telephone: 685-22281



SAMOA USED OIL MANAGEMENT PILOT PROJECT



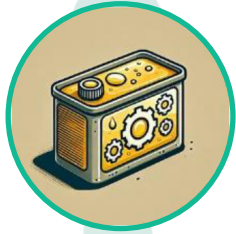
CATEGORIES OF IMPORTED OIL



LUBRICATING OIL

About 50% is consumed in vehicle operation, based on other analysis report calculations.

200,000-350,000 litres/
year amount of USED OIL



PETROLEUM OIL

This is 100% all consumed in operation as the oil is mixed with the fuel.

0 litres/year
amount of USED OIL



HYDRAULIC OIL

Most hydraulic oil is not consumed in operation and becomes used oil as a result of servicing. A reasonable estimate of consumption would be 10%, leaving 90% as USED OIL.

62,648 litres/year
amount of USED OIL

8 MILLION
litres of
USED OIL
generated annually
in the **PACIFIC**

200,000-350,000
litres of **USED OIL**
generated per year
in **SAMOA**.

DID YOU KNOW?

**USED OIL
IS A RESOURCE,
NOT A WASTE**



ECONOMIC BENEFITS

- Creates jobs and drives innovation
- Decrease reliance on foreign all supplies
- Produces saleable end products or electricity

OPERATION BENEFITS

- Recycled oil meets the same standards as virgin base oil
- Decreases used oil stockpiles
- Decrease the need for used oil exports for processing

ENVIRONMENT BENEFITS

- Prevent contamination to water sources, soil and air
- Avoid emissions
- Recycling conserves finite resources
- Producing lubricating oils from recycled base oils

