



ROSE REPORT

RECYCLING OIL SAVES THE ENVIRONMENT

The proper storage and transport of used oil



The environmental legislation requires used oil generators to store their used oil safely and to ensure it is collected and processed by licensed oil collectors, who will ensure it is transported and recycled by processors in an environmentally compliant manner.

The ROSE Foundation provides the following guidelines about the correct storing and transporting of used oil as a hazardous substance in terms of government legislation:

Storage of used oil

- Drain used oil into a clean container with a tight-fitting lid, such as a reusable combination drain pan/storage container. For small quantities, you can use a

specially designed plastic ROSE “Sumpy” container to collect and store your used oil in. Large scale generators will store the oil in drums or storage tanks. Contact the South African Industrial Container Reconditioners Association (SAICRA) for more information on used oil containers Tel: 0860 724 272

- Ensure that you store the oil in a container with a secure lid so that it cannot spill out. Empty oil containers and drums make effective makeshift storage vessels for used oil, however, DO NOT use a container that previously held chemicals, such as cleaners, solvents, fuels, paint or bleach.
- Always clearly label the containers “Used Motor Oil”.
- Keep these containers in a place that can be accessed by used oil collector and keep the surrounding area clear and clean. Ideally, store them under cover and away from heat or sources of ignition.
- Keep oil change pans free of water and ensure your storage containers are tightly sealed and covered to protect them from rainwater. Oil that is contaminated with water is far more difficult to recycle – requiring several laborious and costly processes to separate the water from the oil before it can be recycled.
- Ensure that you do not mix used oil with other fluids such as antifreeze, transmission fluid, petrol, diesel etc. Mixing them may make them non-recyclable as well as very hazardous and flammable.
- Build a bund wall around bulk used oil storage tanks so that in the event of a spill or leak, the used oil will be contained. In the event of an oil spill, contact your used oil collector.

Collection of used oil

The CEO of the ROSE Foundation, Bubele Nyiba urges used oil generators to use ROSE registered oil collectors to remove the oil and take it to be recycled in an environmentally compliant and safe manner. The ROSE registered collectors issue the generator with a safe disposal certificate on collection.

“The transport of used oil, as a hazardous waste, is governed by regulations contained in the National Waste Information Regulations which states that every waste transporter of hazardous waste must be in possession of the safety data sheet prepared by the waste generator in accordance with SANS 10234 as well as the relevant waste manifest documentation,” explains Nyiba.

ROSE registered collectors and processors are compliant with all waste transportation

legislation and are strictly managed and audited – further ensuring your compliance as a waste generator.

All transporters of hazardous waste classified must complete a waste manifest document which will contain the following information:

- Name of the transporter.
- Address and telephone number of the transporter.
- Declaration acknowledging the receipt of the waste.

This manifest must be provided to the waste manager at the time of the delivery of the waste to the treatment facility and the transporters must retain copies or be able to access records of the waste manifest document for a period of at least five years and make the waste manifest documentation available to the Department upon request.

“Good news for used oil generators is that the safe disposal certificate issued by ROSE registered collectors also acts as a Hazardous Waste Manifest, thereby fulfilling the requirements of reporting by law.”

“This document will be filled in by the used oil collector and will contain information on the generator of the used oil, the collector as well as the processor. Included in this information is that on the waste itself, the volumes, origin, the date of collection etc.”

“Four copies of this documentation are generated. Customers receive the pro-forma invoice as well as their certificate of safe disposal, the collector keeps a copy in their book and a final copy goes to the ROSE Foundation.”

Transporting hazardous waste

Nyiba explains that as transporters of a hazardous waste, ROSE licensed used oil collectors must conform to SANS 10232 - legislation which governs the placarding and documentation of vehicles carrying dangerous goods. ROSE licensed collectors must also meet the following general safety requirements on their vehicles:

- All vehicles' placarding and documentation must be an accurate reflection of the dangerous goods being transported.
- Dangerous goods placards must be made out of a rigid material (such as a painted metal plate, rigid plastics, plastics material or coated paper) that can withstand bending and warping and must be 700mm wide and 400mm high in size (regular-sized placard) with a 10mm black border.

- The word WASTE must appear above the UN number.
- A cell phone or landline number must appear as the Operator number, provided it is available 24 hours per day.
- A used oil collector's insurance provider's number, a HAZCALL or a control room number can be used for Specialist Advice - provided it is available 24 hours per day.
- The full placard, including the 10mm black border, must be clearly visible from the roadside, whether directly fixed on the vehicle, or supported on a permanently fixed frame. The placard must also be clean and legible.

- Three regular-size dangerous goods placards must be stuck on the vehicle, semi-trailer or trailer - one at the rear and one on either side of the vehicle. Vehicles with a GVM of less than 3500kg can be fitted with smaller placards (350mm x 200mm) where space does not allow the fitting of a regular size placard.
- A regular-size (250mm x250mm) orange danger warning diamond must be attached to the front of a vehicle or a truck tractor so that it is clearly visible from the front. Again, vehicles with a GVM of less than 3500kg may be fitted with a reduced-size (100mm x 100mm) danger warning diamond where space does not allow the fitting of a regular-size danger warning diamond.

All NORA-SA used oil collectors must also carry the following documents in the designated space within their vehicles:

- A transport emergency card, in the form of a TREMCARD or TREC for each dangerous goods item
- One or more dangerous goods declaration(s) to cover all the goods that comprise the load, and a confirmation of classified waste, if applicable.

For more information and to find out about registered collectors and processors contact the ROSE Foundation on (021) 448 7492 or visit www.rosefoundation.org.za.

Meet the Collectors and Processors - The Old Oil Man



Above: Gary Pearce – Owner of The Old Oil Man.

With over 30 years of experience and success, in the used oil industry, The Old Oil Man has stood the test of time in an ever-evolving sector.

The beginning

The Old Oil Man was founded in 1989 as a specialist Used Lube Oil collection company in Krugersdorp on the West Rand. Initially, the collected oil was supplied to re-refiners, and then later on into the explosives industry as a diesel replacement in emulsion explosives. In 1994 The Old Oil Man started processing used lube oil into an Industrial Burner Fuel and still does so.

The company is committed to environmental waste management and offers hazardous waste management services to industrial companies that generate liquid waste and companies that require disposal of used oil. The recycled used oil produces burner fuel which is an environmentally friendly alternative to diesel.

Changing legislation

“When we started collecting used lubrication oil in the 1980’s almost the only permission that you needed was a certificate from your local fire chief,” explains Gary Pearce, Managing Member of The Old Oil Man. “Since then things have dramatically changed and all waste management companies need certification from your local Municipality, your Province as well as from National Government.”

Add us to your address book: usedoil@iafrica.com

“Waste Management Companies are also required to have an Environmental Management System in place and in 2001 we made a decision to implement the ISO14001 system. We now have the system in place and regularly have independent auditors on our site to audit the system.”

“In 2008 we received our Section 20 certification that established us as a legally compliant waste oil processor. Two independent Section 20 audits are done each year and submitted to DGCE in order to maintain this status.”

The Old Oil Man is a founder member of NORA-SA (National Oil Recycling Association of South Africa) and adheres to the code of conduct and policies, as prescribed by NORA-SA. All of the used lube oil suppliers that deliver oil to The Old Oil Man are independent collectors who are members of NORA-SA.

“We are registered with the Gauteng Department of Agriculture and Rural Development as a Waste Treatment Facility and has been issued with a registration number for use when reporting to the Gauteng Waste Information System,” explains Pearce.

“The waste management act in South Africa has forced companies to become more responsible about their industry waste management and to use certified and registered waste management companies to dispose and treat their hazardous waste.”

Advice for collectors and generators

“Going forward, we anticipate seeing more stringent requirements in terms of compliance for the used lube oil industry. This is due to ever-evolving legislation. Our advice for used oil collectors starting out would be to make a deal with a legally compliant processor to purchase their oil and help them get their vehicle legally compliant.”

Pearce also advises that used oil collectors register as members of NORA-SA and the ROSE Foundation, both of which will help used oil collectors to become, and remain, compliant with the strict legislation governing the industry.

“Used oil generators should not sell their oil to collectors who are not taking it to legally compliant processors, and should only use licensed collectors. By using NORA-SA and ROSE registered used oil collectors, generators remain compliant with the aspects of the current legislation which pertain to their role as the source of a hazardous waste.”

Contact The Old Oil Man: (011) 762 2559 / info@theoldoilman.co.za

Welcoming new licensed collectors and processors



ROSE is pleased to welcome the following collectors and processors who have met the compliance requirements and licensed their businesses through the Foundation:

B.T.R Oil Recoveries (Pty) Ltd

Pietermaritzburg, KwaZulu Natal, Bruce Wallace
074 200 0585

BNP Oil Recycling (Pty) Ltd

Reitz, Free State, Bongani Nkomo,
0844955487 or 073 742 5654

Thabang Johannes Rankhumise

Vosloorus, Boksburg, Gauteng, Thabang Johannes Rankhumise
072 823 0948

Euro Oils (Pty) Ltd

Sebokeng, Vereeniging, Gauteng, Soyaphi John Mashali
082 053 6442

Thulani Ronaldo Mthethwa

Vosloorus, Boksburg, Gauteng, Thulani Ronaldo Mthethwa
076 103 8269

Mogale Thobela Contruction & Projects

Benoni, Gauteng, Alex Thobela Mohlala

071 742 4857

James Masemula

Boksburg, Gauteng, James Masemula

072 404 9862

Sello Matabose

Emmarentia, Johannesburg, Gauteng, Sello Matabose

079 316 9285

Konomakang Oil Scrap

Roodeport, Johannesburg, Gauteng, August Hlongwane

072 548 3254

Anele Toto

Grasmere, Johannesburg, South Gauteng, Anele Toto

071 023 0022

Lindeni Moatlhudi

Soweto, Johannesburg, South Gauteng, Lindeni Moatlhudi

083 943 5720

MED oils

Benoni, Gauteng, Simon Mathebula

079 136 8658

TZS

Vosloorus, Boksburg, Gauteng, Thokozani Sibiyi

072 495 2822

Bheki Ernest Ndaba

Lenasia, Gauteng, Bheki Ernest Ndaba

072 538 2172

Mr Oil Recycler

Boksburg, Gauteng, Hlayiseka Philemon Shihangu

078 039 3323

Talicious Trading (Pty) Ltd

Ogies, Mpumalanga, Tseko Alfred

079 102 1545

Solly Ngubeni

Lenasia, Gauteng, Solly Ngubeni

078 982 5450

Eric Oil

Lehae, Lenasia, Gauteng, Xinyenyani Eric Ngobeni

078 484 2510

Nwa-baloyi Trading (pty) Ltd

Kanana Park, Johannesburg, South Gauteng, Baloyi Endlani Mercy

076 069 1780

GWB Works (Pty) Ltd

Bartlett, Boksburg, Gauteng, Graydon Wayne Bell

081 494 2215

Jimmy Rikhotso

Willas Farm Gauteng, Jimmy Rikhotso

083 429 8036

Refine X (Pty) Ltd

Wadeville, Germiston, Gauteng, Pieter Andries Smith

011 824 0473

Gwamanda Waste Enterprise (Pty) Ltd

Germiston, Gauteng, Thula Gwamanda

083 674 8189

A.J.S

Middelburg, Mpumalanga, Siphuma Azwindini Julia

066 439 8489