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ROSE Foundation



TOTAL



In partnership with



NORA-SA
National Oil Recycling Association
of South Africa

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Eliminating Waste From Society - Used Oil Management

What is used oil?

Simply put, used oil is any petroleum-based or synthetic oil that has lubricated machinery parts and has been contaminated during usage. During normal use, impurities such as dirt, metal scrapings, water, or chemicals may mix with the oil, which diminish the performance of the lubricant.

Eventually, all used oil must be replaced with virgin or re-refined oil. Synthetic oil (usually derived from coal, shale, or polymer-based starting material), engine oil (typically gasoline and diesel engine crankcase oils and piston engine oils for automobiles, trucks, boats, airplanes, locomotives, and heavy equipment), and transmission and hydraulic fluids are classified as oils which can be recycled.

Used oil is not:

Waste oil (bottom clean-out waste from virgin fuel storage tanks, virgin fuel spill cleanups, or other oil wastes which have not been used); products such as antifreeze and kerosene, vegetable and animal oil, or petroleum distillates used as solvents; or transformer oils, technical & medicinal white oils, vegetable oils, greases, waxes, petrolatums, two-stroke petrol engine oils, chainsaw cutter bar lubricants, rock drill lubricants, water-based fluids with less than 80% oil content, phosphate esters, pesticidal and fungicidal agricultural spray base oils, process oils where the lubricant is compounded into a solid, marine engine oils, rolling oils, drawing oils, rust preventatives, mould release oils, wire rope and open gear dressings and shock absorber oils.

An appeal to generators of used oil:

The National Oil Recycling Association of South Africa (NORA-SA) asks you to collect, store and dispose of used lubricating oils in an environmentally responsible manner and to comply with all legal requirements.

To assist you in this regard, NORA-SA, in conjunction with the oil majors (Shell, Engen, BP, Chevron, Fuchs, Total, Sasol and other members of the ROSE Foundation), has established a network of approved collectors who will remove your used oils and give you a certificate of safe disposal. All NORA-SA approved collectors must maintain

documented proof of used oil collection and delivery ONLY to approved processors. All parties are subject to audits and a code of conduct to provide an acceptable standard of service. Approved processors must have an environmental management system meeting ISO 14001 certification requirements.



Workshop Technician Artonio Ockhuizen demonstrates the use of the Sumpy

In terms of the National Environmental Management Act 107 of 1998 and the proposed Waste Bill 2007, generators must ensure that all wastes are recovered, stored, transported and disposed of in an environmentally acceptable manner. Avoid the risk of prosecution by using approved collectors and do not release used oils to unregistered collectors who do not have documented proof of safe disposal.

For approved collectors in your area, please call the ROSE Foundation.

FFS Refiners Pietermaritzburg Branch Lead The Way



FFS Refiners Pietermaritzburg branch team with their award

Stephan Roeloffze and his team at FFS Pietermaritzburg, have shown their colleagues that with the combination of dedication, perseverance, hard work and the will to be the best, achievement is only a matter of time.

In a recent environmental compliance audit conducted, on behalf of the ROSE Foundation by WSP Environment & Energy, among the FFS Refiners' branches countrywide, Pietermaritzburg staff excelled. They were awarded first prize for their commitment to legal compliance and environmental improvement for plant operations.

ROSE conducts independent audits annually on all used oil processors for legal and environmental compliance.

At an event celebrating the award, FFS Pietermaritzburg employees were rewarded for their efforts with fleece lined jackets as mementoes and a shield of honour was presented to the branch.

Alison Haycock, Group Environmental Manager at FFS Refiners says, "This plant has shown what commitment and dedication can achieve and the Pietermaritzburg staff are certainly worthy winners of this prestigious award".

ROSE CEO Raj Lochan agreed: "We will continually support and recognise companies and staff for their contribution to the environment, and we commend Stephan's team on their worthy achievement."

Free Sumpy's For DIY Mechanics

Currently, the DIY (Do-It-Yourself) market and the taxi industry are two key sectors that the ROSE Foundation most wants to educate and inform them about responsible recycling of used motor oil. In an effort to encourage recycling and safe disposal of oil in this market, ROSE has sponsored through its membership the distribution of over 10 000 Sumpy's to give away to the public.

Sumpy's are durable plastic 18 litre containers that can be used to safely decant and store used oil when it is drained from vehicles. They are easy to use and provide a safe method of transporting small quantities of used oil to the nearest drop off point, at a local storage depot, municipal garden refuse site or auto workshop.

Each Sumpy can hold approximately four oil changes from a medium-sized car. For an individual DIY enthusiast, this means only emptying the Sumpy once in 2 years. A Sumpy takes up very little space in one's garage, is easy to store, leak free and practical to use.

The Sumpy's are being distributed through the ROSE Foundation membership network of Lubricant Manufacturers and Marketers in their product range promotions. Call your Lubricant supplier for more details.

For more information about used oil collection and recycling, or to find out where to obtain a free Sumpy, please contact the ROSE Foundation – see back page for details.



Sumpy

Green Tips

Environmental scares can make you feel powerless, but it is possible for you to make a difference. Know your shoe size. What impact are you making on the planet? Calculate your carbon footprint by visiting www.project90x2030.org.za.

Play your part in helping to reduce the global carbon footprint, by following a few of these green guidelines:

1. Consider your usage of disposable materials. Don't drink bottled water when the tap water is perfectly drinkable. Take your own carry bags to the supermarket; in the kitchen, use recyclable containers, instead of foil and clingwrap, for wrapping items and use dishcloths instead of paper towels to clean up;
2. Change your search engine home page to Blackle.com. Created by Heap Media and powered by Google Custom Search, the lack of colour and animation on the home page uses far less energy than Google.com;
3. When not using your home appliances, unplug them. Simply switching off is not enough - the plugs must be removed from the wall for the energy consumption to cease;
4. Educate yourself. The City of Cape Town has produced a 'Smart Living Handbook' which helps Capetonians make their homes safer, saves money and reduces their impact on the environment. Find the manual at: www.capetown.gov.za;
5. Recycle your paper. The energy saved by a year's worth of paper recycling in South Africa is enough to provide electricity to 512 homes for a year, according to the Paper Recycling Association of South Africa (PRASA);
6. Cultivate a wormery. Find out about the eco-friendly way to convert kitchen leftovers into organic fertiliser with the help of a few earthworms;
7. Recycle bottles, plastic and tins. A household could save 1,100kg's of carbon dioxide per year by recycling half of its household waste – you do the maths;
8. Gift wrap items in recycled materials. For ideas, visit www.boakart.com;
9. Eat at least one vegetarian meal a week. Meat is the most resource-intensive food on the menu. Producing meat requires huge amounts of water, grain and land and leads to pollution of soil, air and water. Going vegetarian or vegan is a profoundly meaningful environmental choice;
10. Start your own vegetable garden. It's environmentally friendly and a great stress reliever.

Consider the environment, make a few small changes in your habits and sustain them. If we each do something, we can make a significant difference.

Lubricants Sellers Take Note

At a recent sales conference hosted by ROSE member Engen Petroleum, the teams set aside their forecasts and figures to dedicate their thinking to the environmental responsibilities associated with the sale of lubricating oil.

In terms of the Waste Bill, **extended producer responsibility** extends a person's or organisation's financial or physical responsibility for a product to the post-consumer stage of the product and includes:

- Waste minimisation programmes;
- Financial arrangements for any fund that has been established to promote the reduction, reuse, recycling and recovery of waste ;
- Awareness programmes to inform the public of the impacts of waste emanating from the product on human health and the environment;
- Any other measures to reduce the potential impact of the product on health and the environment.

Raj Lochan, CEO of ROSE spent time with the Engen delegates updating them on the Waste Bill and their responsibilities on product stewardship. The philosophy of "cradle to grave" was strongly espoused and a keen interest was displayed by the delegates to walk the line on compliance.

Steve Williams, Engen General Manager Lubricants welcomed the talk: "The delegates were well disposed towards ensuring that their responsibility extended beyond the sale of new products."

The ROSE presentation covered aspects of the Waste Bill with special reference to used oil being classified hazardous, licensing for collectors of used oil, extended producer responsibility, storage of used oil and the reporting of used oil generated and disposed of.

Lochan encourages other members to request information sessions to inform their staff of the responsibility of product stewardship and the societal implications of the Waste Bill when it becomes law. Call the ROSE Foundation for details.



Raj Lochan presenting at the Engen Lubricants Sales conference recently held in Rustenburg

Important Environmental Dates

Environmental Dates:

1-7 September - National Arbour Week

15-20 September - National Clean-up Week

16 September - International Day for the Preservation of the Ozone Layer

20 September - International Coastal Clean-up Day

24 September - Heritage Day

27 September - World Tourism Day

6 October - World Habitat Day

6-10 October - Weedbuster Week

13 – 17 October - National Marine Week

16 October - World Food Day

2008 celebrates four International Years:

International Year of the Potato - International Year of Planet Earth

International Year of Sanitation - International Year of Languages

Drop-off Points

Do-It-Yourself (DIY) motorists are encouraged to use any of the sites below to drop off their used motor oil at the respective Municipal Garden Refuse sites.

TSHWANE - Maunde Rd, Pretoria West, **Kwaggasrand**; Stefanus Schoeman Rd, **Valhalla**; Rigel Ave South (Delmas Rd), **Garstkloof**; Roslynne, **Onderstepoort** and Hans Strydom North-Nelmapuis, **Hatherley**.

JOHANNESBURG - Ballyclare Drive, **Bryanston Ext 7**; 5th Avenue, **Bez-Valley**; Club Street, **Linksveld**; Cnr Smith and 5th Avenue, **Fairland**; Melrose Street, **Syferfontein**; Pine Road, **Norwood**; Jim Fouche Road, **Panorama**; Victory Road, **Victory Park Estate**; Johannes Road, **Waterval**; Woodlands Drive, **Woodmead Ext 15**; Bangalore Drive, **Lenasia Ext 11**; Cedar Road, **Kyalami**; Dale Road, Kyalami; East Road, **Klipriviersberg**; Flamingo Street, **Lenasia Ext 6**; Cnr Impala & Vereeniging Road, **Rietvlei**; Royal Park Drive, **Mondeor**; Heerengracht Road, **Eldorado Park Ext 4**; Makhaya Avenue, **Protea North**; Sofasonke Street, **Orlando**; Bellona Road, **Middelfontein**; Circle Crescent, **Eldorado Park Ext 5**; Cnr Harry & Rifle Range Road, **Robertsham**; Penny Road, **Roodepoort West** and Khama Street, **Soweto**.

eTEKWENI - Bellair Road, **Cato Manor**; Roadhouse Crescent, **Riverside**; Tara Road, **Bluff**; Glanville Road, **Montclair**; **Seadoone**; Canehaven Drive, **Canehaven** and Mount Edgcombe Drive, **Mount Edgcombe**.

CAPE TOWN - Tsoga Environmental Resource Centre, Washington Street, **Langa**; Morning Star Garden Refuse Site, van der Bijl Street, **Durbanville**; Footprints Environmental Projects, St John's Road, **Wynberg**; Huguenot Primary School, Cnr AZ Berman & Huguenot Avenue, **Mitchell's Plain**; Sir Lowry's Pass Road, **Gordon's Bay** and Main Road, **Hout Bay**.

For more information call the ROSE Foundation

Approved Processors

Oil Separation Solutions Gauteng (Pty) Ltd
Bulk Mining Explosives
Exol Oil Refinery (Pty) Ltd
PPC Lime Limited
The Old Oil Man
FFS Refiners (Pty) Ltd
FFS Refiners (Pty) Ltd
FFS Refiners (Pty) Ltd
FFS Refiners (Pty) Ltd
FFS Refiners (Pty) Ltd

Germiston 011 824 7580
Delmas 013 665 1860
Jhb 011 769 2257
L/Acres 053 385 8200
Jhb 011 762 2557
Durban 031 465 1466
PE 082 321 7267
PMBurg 033 398 1651
Cape Town 021 557 5301
Chloorkop 011 976 2198

ROSE Contact Details

ROSE Foundation • Suite A9, Waverley Court • 7 Kotzee Road, Mowbray 7700 • Tel: 021 448 7492
Fax: 021 448 7563 • Faxmail: 0866 527384 • E-mail: usedoil@iafrica.com • Website address: www.rosefoundation.org.za

