

Background

The Saskatchewan Association for Resource Recovery Corp. (SARRC) is a non-profit corporation formed by the oil, filter, antifreeze and diesel exhaust fluid (DEF) industry in Saskatchewan to develop, implement and maintain a single, cost-effective, province-wide Used Oil, Filter, Antifreeze and Container Recycling Program. SARRC was incorporated February 12, 1996. The program, approved by the Ministry of Environment, has been widely accepted and supported by consumers, industry, environmental groups, governments and other stakeholders.

SARRC Members

Membership in SARRC is open to all first sellers of oil, oil filters, diesel exhaust fluid, diesel fuel filters or antifreeze in Saskatchewan, as defined in the Used Petroleum and Antifreeze Products Collection Regulations. As of December 31, 2022, there were 217 partner Members. Please refer to the website for the most recent Member List: <http://usedoilrecyclingsk.com/members/>.

Used Oil and Antifreeze Collection

Collection facilities serve small-volume users (do-it-yourself, farm and small-business operators) who generate 15 – 20% of the used oil and antifreeze materials in Saskatchewan. Many individuals and businesses operate used oil, filter, antifreeze and oil/antifreeze/DEF container collection facilities or collect these materials from businesses and the public. There are 128 locations, including 37 EcoCentres and 91 volunteer drop-off points, across Saskatchewan where you can drop off used oil, oil filters, antifreeze and used oil, antifreeze and DEF containers for recycling.

Used Oil, Filter, Antifreeze and Container EcoCentres

EcoCentres are additional purpose-built facilities that have opened for do-it-yourselfers, farmers and small business operators who change their own oil and antifreeze. Thirty-seven EcoCentres located province-wide are listed under collection facilities; please contact SARRC or visit our website at www.usedoilrecyclingsk.com for their locations and hours of operation.

The Needs for and Benefits of SARRC's Program

Saskatchewan businesses and residents purchase between 35 and 40 million litres of oil every year. Before the program was introduced, less than one quarter of that amount was collected and recycled. Much of the balance was being improperly discarded in fields, in ditches, down drains and on roads.

Another two to four million litres of used antifreeze are generated annually in Saskatchewan. Used antifreeze is toxic and has to be handled with care to protect the environment and ensure that humans and animals do not inadvertently ingest it.

In addition to the used oil and antifreeze generated, Saskatchewan businesses and residents generate about 2.5 million oil filters and nearly 1 million kilograms of oil/antifreeze/DEF containers annually. Before the program was introduced, most were discarded.

Dumping used oil or antifreeze materials can damage earth and water, hurting wildlife, humans and their pets.

2022 Program Results Summary

The Used Oil, Filter, Antifreeze and Container Recycling Program has achieved great success since inception in 1996.

Collected January 1 to December 31, 2022

- 0.342 million kilograms of used oil, antifreeze and diesel exhaust fluid (DEF) containers;
- 1.5 million used oil filters;
- 15.2 million litres of used oil; and
- 0.289 million litres of used antifreeze were recycled.

Collected since Program Start - Oct 1997 to Dec 2022

- 8.2 million kilograms of used oil, antifreeze and diesel exhaust fluid (DEF) containers;
- 44 million used oil filters;
- 426.8 million litres of used oil; and
- 2.3 million litres of used antifreeze since April 1, 2014 (program addition)

2022 Program Results

	Sold	Available for Collection	Amount Available	Collected	Processed	Collection Rate	Target
Oil (l)	37,437,234	67.9%	25,419,882	15,224,128		60%	80%
Antifreeze (l)	4,467,359	43.3%	1,934,366	289,926		15%	50%
Filters (kg)	886,645	100%	886,645	1,026,987	821,384	93%	80%
Filters (units)	2,214,805	100%	2,214,805	1,553,370		70%	80%
Containers (l)	19,499,898	100%	19,499,898				
Containers (kg)	911,141	100%	911,141	342,825		62%*	75%

*Note: includes 24% reuse rate

- SARRC's Used Oil, Filter, Antifreeze and Container Recycling Program promotes and facilitates the recovery of valuable, non-renewable resources.
- It protects the environment by diverting materials from landfills and inappropriate areas such as fields, ditches and water courses.
- It creates new business opportunities and new job opportunities for Saskatchewan people.
- It provides a single, comprehensive, cost-effective, sustainable and province-wide program in harmony with similar programs in British Columbia, Alberta, Manitoba, Quebec, New Brunswick, Prince Edward Island, Newfoundland and Labrador and Nova Scotia.

Greenhouse Gas Estimates

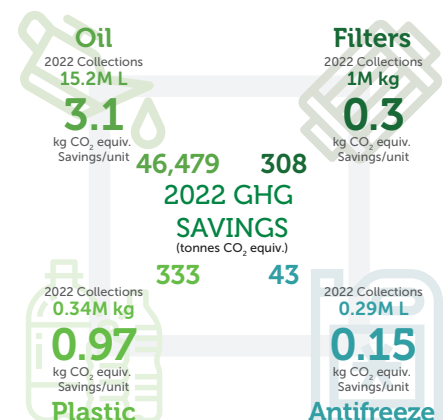
In 2022 it is estimated that SARRC's program saved 47,163 tonnes CO₂ equivalent, that's like taking about 14,449 passenger vehicles off the road or the energy used by 11,045 homes in one year.

*Based on Natural Resources Canada's greenhouse gas equivalencies calculator.

GHG Emissions Tracking

Since 2017, when SARRC started tracking greenhouse gas emissions, the program has saved over 223,900 tonnes CO₂ equivalent - that's something we can all be proud of!

Greenhouse Gas Estimates



Recycled Products

Used oil is reprocessed into re-refined lubricating oil, industrial burner fuel and other products. Used oil filters are processed into structural metal shapes for the manufacturing of industrial and agricultural products. Plastic oil/antifreeze/DEF containers are recycled into industrial posts, railroad crossings, plastic pipe and new containers. Plastic 20-litre pails are refilled with bulk lubricants or cleaned and re-used for a wide number of applications. Used antifreeze is highly recyclable, with most used antifreeze being processed into new commercial antifreeze.