

## APPENDIX C: Product Design and Use Trends

**Term: 2023 – 2027**

BCUOMA will continue to monitor the following and any other emerging product trends.

### Lubricating Oil

- New vehicles are more efficient and require fewer oil changes. This trend could lead to lower sales of lubricating oil or less lubricating oil available for collection.
- The largest re-purposing application of lubricating oil is as burner fuel in shop heaters, a use that is currently acceptable to the Ministry of Environment and for which it provides guidance such as testing requirements.

### Antifreeze

- No emerging trends currently noted.

### Oil Filters

- Oil filters have typically been made of metal but in recent years more non-metals filters have been sold. Non-metal filters often have plastic and cardboard components that are lighter in weight than metal filters. Light-weighting of filters changes the recovery performance measurement methodology, and affects the estimate used to translate kilograms collected into units.
- BCUOMA is monitoring market trends in non-metal filters to identify any changes needed to the recovery measurement methodology. Findings on any changing trends in filters will be posted in the [Resources & Reports](#) section of the BCUOMA website.

### Oil Containers

- Containers have not changed in composition over recent years and the recycling methodology is well known. At times, manufacturers have used containers made of plastic that are difficult to recycle but this has not been the case of late.
- BCUOMA monitors the marketplace for new and growing trends in containers that could result in recycling challenges. These trends include “oil-in-a-box”, where the oil is in a plastic bladder bag and packaged in a cardboard box with a spout.
- Findings on any changing container trends that could impact the program (such as a UOMA study conducted with other Canadian programs) will be posted in the [Resources & Reports](#) section of the BCUOMA website.