



2023

## Truck Carrier Benchmarking Report for XTL Transport Inc.



Fleet Name:	<b>XTL Transport Inc.: 12094407</b>
SmartWay – Years in Program:	<b>2008 - Present</b>
Partner and Operation Type:	<b>Truck Carrier - Mixed Operations</b>
Primary Contact:	<b>Nathalie Mallette</b>
Partner Account Manager:	<b>Stéphan Lalonde</b>
Logo Status:	<b>Qualified</b>

## 1. About Your Benchmarking Report

The 2023 Truck Carrier Benchmarking Report is provided to each truck carrier company that registers for SmartWay through Natural Resources Canada. The purpose of this report is to provide you with additional information to help you track your year-to-year changes and to help you benchmark your performance against your peers. This report also provides you with information about your emissions binning. The information in this report is shared only with you.

For more information about this report and its contents, these free resources or on the SmartWay program in general, please contact Stéphan Lalonde, your Partner Account Manager, by phone at (613) 292-2344 or by e-mail at [stephan.lalonde@nrcan-rncan.gc.ca](mailto:stephan.lalonde@nrcan-rncan.gc.ca).

## 2. Partner Performance Improvement

Natural Resources Canada is committed to helping its SmartWay partners reduce their fuel consumption and improve their performance. Natural Resources Canada has a variety of FREE resources available to help you reduce your fuel consumption, including:

- Fuel efficient driver training
- Fuel management training
- Information on SmartWay-certified technologies
- A forecasting tool to help fleet managers with purchasing decisions

### 3. Emissions Bins

All SmartWay-registered truck carriers are ranked for each of the six emissions metrics used in the SmartWay Transport Partnership. All fleets are sorted into five bins for each of these metrics, with the top 20% of carriers for each emission put in the first bin, the next 20% in the second bin, and so on. The midpoint value for each bin is calculated and this number is the publicly-available emissions value for the truck carriers in that bin. Carriers are only binned with similar carriers (e.g. tankers with other tankers, auto haulers with other auto haulers) to allow for a better comparison. Figure 1 below shows the 2023 bin rankings for XTL Transport Inc.: 12094407.

**Figure 1 – XTL Transport Inc.: 12094407's 2023 Bin Rankings**

	CO2	NOx	PM
g/km	3	1	3
g/tonne-km	2	1	2

SmartWay carriers in Bin 1 are in the top 20% of performers in their operation type, carriers in Bin 2 are in the next 20% and so on, with carriers in Bin 5 being in the bottom 20%. Since we do not have company data for non-SmartWay carriers, by default they are attributed higher emissions compared to SmartWay partners.

### 4. Benchmarking

This section contains four graphs showing XTL Transport Inc.: 12094407's relative performance against other SmartWay-registered Mixed Operation Fleets (the red dot in each graph represents XTL Transport Inc.: 12094407's performance).

The four graphs show:

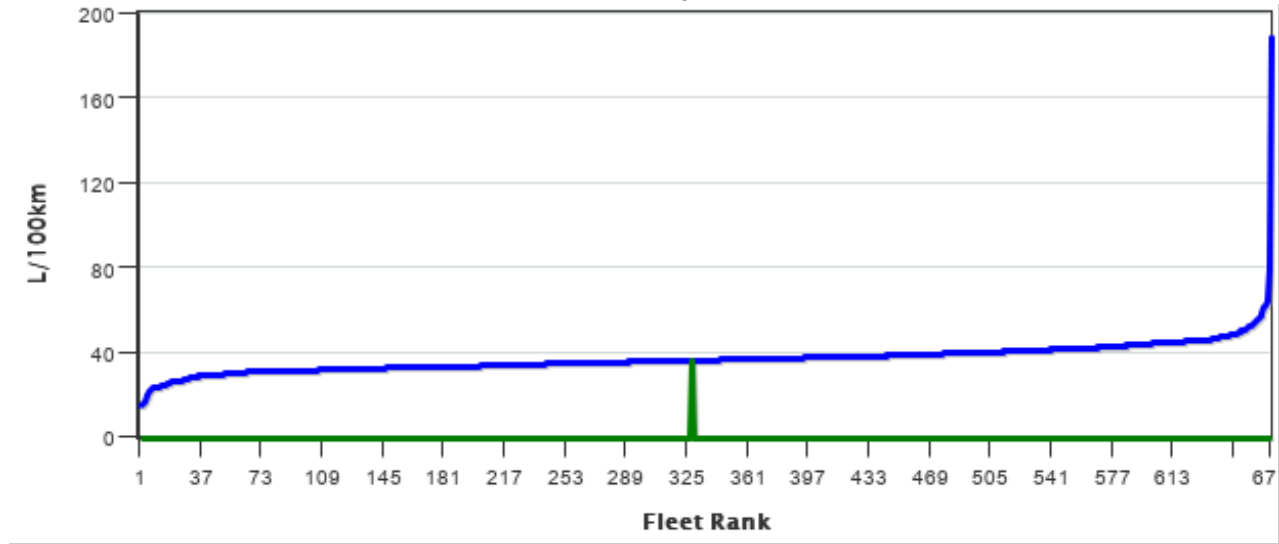
- Fuel Consumption (L/100km)
- Idling Hours (avg. hours per truck per year)
- Average Payload (tonnes)
- Average Kilometres per Truck (km)

Please note that the information shown in these graphs is meant to provide a comparison of your fleet's operational performance against similar fleets, but does not consider outside factors which could affect your relative performance. For example, the L/100km graph does not consider the impacts of operating in different climates when measuring fuel consumption.

## Fuel Consumption

XTL Transport Inc.: 12094407's fuel consumption of 36.332 L/100km ranks 328 out of 671 SmartWay Mixed Operation truck carriers. It is important to note that fuel consumption is influenced by many factors, including vehicle size, engine year, payload, idling, geography, etc. Many strategies and practices are available to help reduce fuel consumption. If you would like more information on these, please contact your Partner Account Manager.

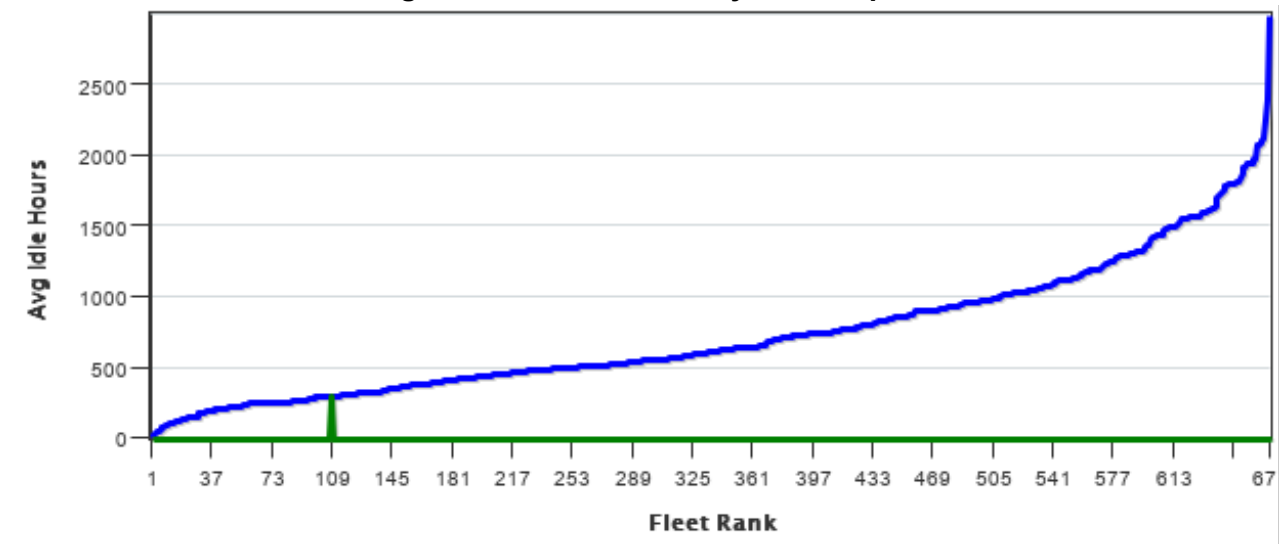
FIGURE 2 - L/100km - SmartWay Mixed Operations Fleets



## Idling Hours

Idling hours refers to the time a truck spends with the engine running but not moving. Idling hours can be long-duration, such as idling overnight or short duration, such as idling in traffic. At 300 hours per truck per year, XTL Transport Inc.: 12094407 ranks 108 out of 671 SmartWay Mixed Operation truck carriers in average idling hours. Higher idling hours can result in increased fuel consumption and can be minimized through the use of auxiliary power units, the implementation of idling reduction strategies/policies, and/or through improved routing.

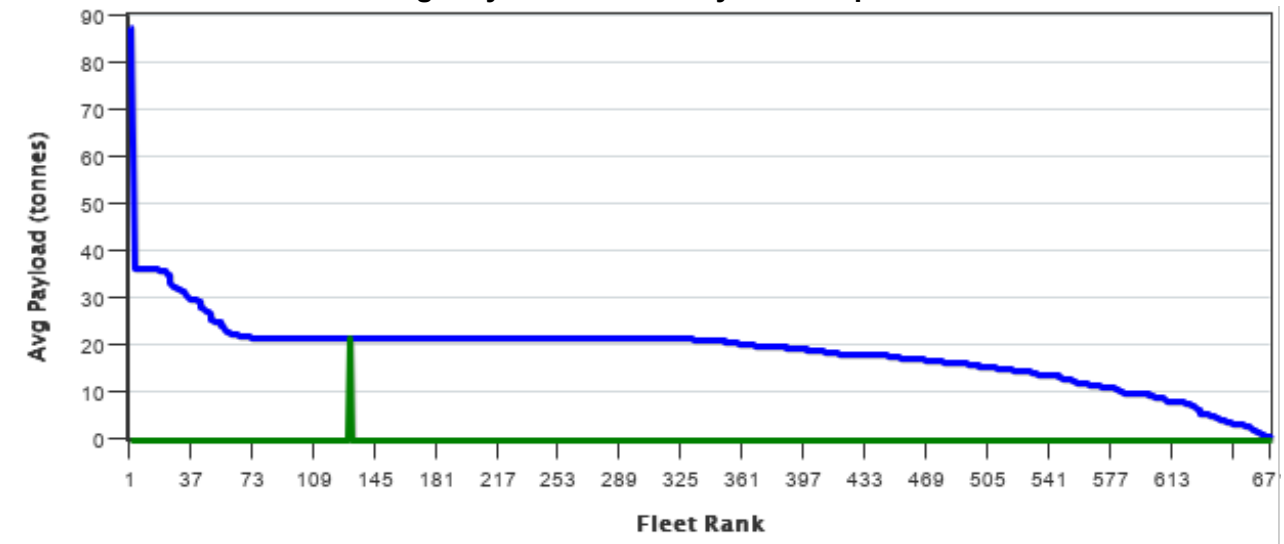
FIGURE 3 - Avg. Idle Hours - SmartWay Mixed Operations Fleets



## Average Payload

Average payload is the average weight of the freight being hauled on each trip. XTL Transport Inc.: 12094407's average payload of 21.46 tonnes ranks 130 out of 671 SmartWay Mixed Operation truck carriers. A carrier's average payload can significantly influence its fuel economy. For companies with higher average payloads, the grams per tonne-km bin metrics shown on the first page of this report may be a better indicator of the carrier's relative performance than the grams per km metrics. The average payload is affected primarily by vehicle class and the type of commodity being hauled (e.g. lighter-weight commodities generally have lower payloads than heavier commodities).

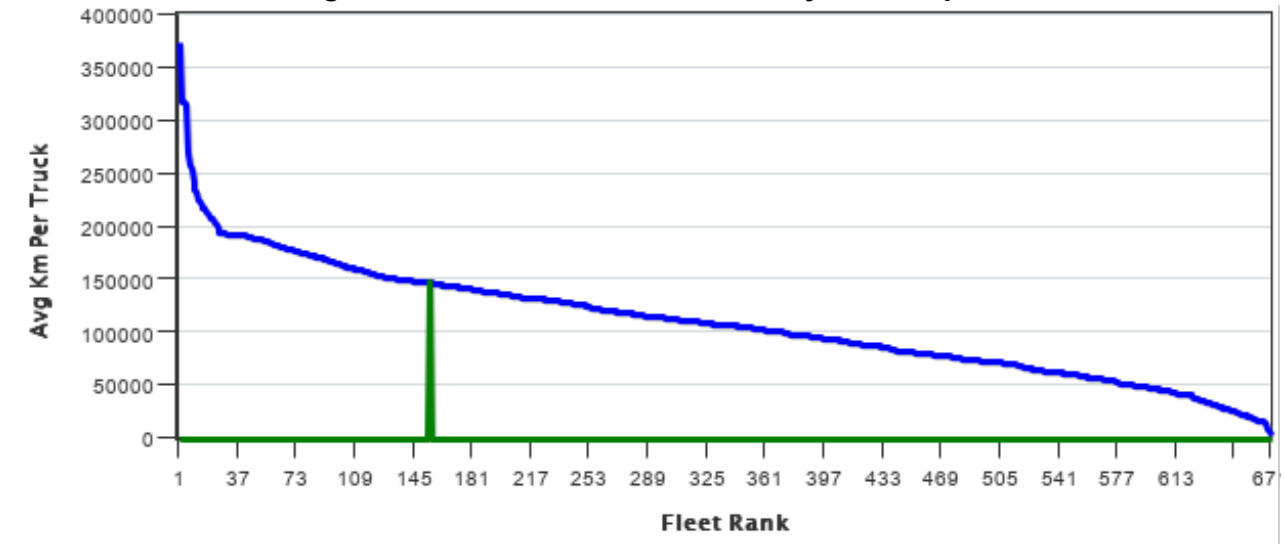
FIGURE 4 - Avg. Payload - SmartWay Mixed Operations Fleets



## Average Kilometres per Truck

With an annual average of 147,179 km per truck XTL Transport Inc.: 12094407 ranked 155 out of 671 in average kilometres per truck among SmartWay Mixed Operation truck carriers.

FIGURE 5 - Avg. Kilometres Per Truck - SmartWay Mixed Operations Fleets



## 5. Year-to-Year Improvement and Comparison

The table below summarizes the year-to-year changes for seven metrics, both for XTL Transport Inc.: 12094407 and for the SmartWay Mixed Operation fleets as a whole. This table can help you measure your year-to-year progress against fleets with similar operation types. You can also compare your emissions ranking against your peers on the SmartWay Web site at [smartway.nrcan.gc.ca](http://smartway.nrcan.gc.ca), under "Carrier Emissions Results".

Figure 6

	2023	2022	% Change
	<b>L/100km</b>		
<b>XTL Transport Inc.: 12094407</b>	36.332	36.721	-1.06%
<b>Mixed Operations Average</b>	35.097	35.623	-1.48%
	<b>Average Idling Hours</b>		
<b>XTL Transport Inc.: 12094407</b>	300	300	0.00%
<b>Mixed Operations Average</b>	625	588	6.32%
	<b>Average Payload (tonnes)</b>		
<b>XTL Transport Inc.: 12094407</b>	21.46	21.46	0.00%
<b>Mixed Operations Average</b>	19.80	19.42	1.92%
	<b>CO2 g/tonne-km</b>		
<b>XTL Transport Inc.: 12094407</b>	46	46	-1.06%
<b>Mixed Operations Average</b>	48	50	-3.71%
	<b>NOx g/tonne-km</b>		
<b>XTL Transport Inc.: 12094407</b>	0.05	0.05	-1.83%
<b>Mixed Operations Average</b>	0.10	0.10	-7.61%
	<b>PM2.5 g/tonne-km</b>		
<b>XTL Transport Inc.: 12094407</b>	0.00020	0.00021	-6.84%
<b>Mixed Operations Average</b>	0.00083	0.00112	-25.83%