

# Major tank car derailments since 2010

<b>Heimdal, ND</b>	May 6, 2015	≥180,000 gal crude oil
<b>Galena, IL</b>	March 15, 2015	≥630,000 gal crude oil
<b>Gogama, Ontario</b>	March 7, 2015	Unknown
<b>Mount Carbon, WV</b>	February 16, 2015	420,000 gal crude oil*
<b>Timmins, Ontario</b>	February 14, 2015	250,000 gal bitumen
<b>LaSalle, CO</b>	May 9, 2014	6,500 gal crude
<b>Lynchburg, VA</b>	April 30, 2014	30,000 gal crude
<b>Vandergrift, PA</b>	February 13, 2014	10,000 gal crude
<b>Casselton, ND</b>	December 30, 2013	400,000 gal crude
<b>Aliceville, AL</b>	November 7, 2013	750,000 gal crude*
<b>Edmonton, Alberta</b>	October 19, 2013	None
<b>Lac-Megantic, Quebec</b>	July 6, 2013	≥1,000,000 gal crude
<b>Parkers Prairie, MN</b>	March 27, 2013	30,000 gal crude

\*Estimated

# Tank Car Retrofit/Brake Deadlines– U.S. v. Canada

Source: <http://www.transportation.gov/mission/safety/rail-rule-summary>

Tank Car Type / Service	US Deadline	Tank Car Type / Service	Canada Deadline
Retrofit non-jacketed DOT-111 tank cars in PG I service	January 1, 2018* (reporting requirement starts 1/1/17)	Retrofit non-jacketed DOT-111 tank cars in Crude Oil service	May 1, 2017
Retrofit jacketed DOT-111 tank cars in PG I service	March 1, 2018	Retrofit jacketed DOT-111 tank cars in Crude Oil service	March 1, 2018
Retrofit non-jacketed CPC-1232 tank cars in PG I service	April 1, 2020	Retrofit non-jacketed CPC-1232 tank cars in Crude Oil service	April 1, 2020
<b><i>ECP brakes for all HHFUT's in PG I service</i></b>	<b><i>January 1, 2021</i></b>	<b><i>No ECP requirements</i></b>	<b><i>n/a</i></b>
Retrofit non-jacketed DOT-111 tank cars in PG II service	May 1, 2023	Retrofit non-jacketed DOT-111 tank cars in Ethanol service	May 1, 2023
Retrofit jacketed DOT-111 tank cars in PG II service	May 1, 2023	Retrofit jacketed DOT-111 tank cars in Ethanol service ( <i>all DOT-111's out of service in Canada by this date</i> )	May 1, 2023
<b><i>ECP brakes for all other HHFUT's</i></b>	<b><i>May 1, 2023</i></b>	<b><i>No ECP requirements</i></b>	<b><i>n/a</i></b>
Retrofit non-jacketed CPC-1232 tank cars in PG II service	July 1, 2023	Retrofit jacketed CPC-1232 tank cars in Ethanol service	July 1, 2023
Retrofit jacketed CPC-1232 tank cars in PG I and PG II service and all remaining tank cars carrying PG III materials in an HHFT (pressure relief valve and valve handles).	May 1, 2025	Retrofit jacketed CPC-1232 tank cars in in Crude and Ethanol service and all remaining tank cars carrying PG III materials in an HHFT (pressure relief valve and valve handles).	May 1, 2025