

CERTIFICATE OF ENVIRONMENTAL ACHIEVEMENT

Penske Automotive Group

avoided 15,473 Metric Tons

of Greenhouse Gas Emissions (CO₂e)

through Safety-Kleen's closed-loop recycling program for **used oil and solvents**

from January 01, 2021 to December 31, 2021

safety-kleen®
**MAKE
GREEN
WORK™**

Based on EPA Greenhouse Gas Equivalencies Calculator ^{1,2}, this is equivalent to any one of the following:

- CO₂ emissions from 2,924,316 therms of natural gas
- CO₂ emissions from 1,741,033 gallons of gasoline consumed
- CO₂ emissions from 1,519,898 gallons of diesel consumed
- Carbon sequestered by 255,772 tree seedlings grown for 10 years
- Carbon sequestered by 18,936 acres of U.S. forests in one year
- Carbon sequestered by 105.8 acres of U.S. forests preserved from conversion to cropland in one year
 - CO₂ emissions from 632,591 propane cylinders used for home barbeques
 - CO₂ emissions from 35,822 barrels of oil consumed
- GHG emissions avoided by 5,263 tons of waste recycled instead of landfilled
- GHG emissions avoided by 752 garbage trucks of waste recycled instead of landfilled
- GHG emissions avoided by 658,349 trash bags of waste recycled instead of landfilled
 - GHG emissions from 3,366 passenger vehicles driven for one year
- GHG emissions from 38,875,774 miles driven by the average passenger vehicle
 - GHG emissions avoided by 586,417 incandescent lamps switched to LEDs
 - CO₂ emissions from 2,810 homes' electricity use for one year
 - CO₂ emissions from 1,861 homes' energy use for one year
 - CO₂ emissions from 205 tanker trucks' worth of gasoline
 - CO₂ emissions from 85.4 railcars' worth of coal burned
 - CO₂ emissions from 0.004 coal-fired power plants in one year
 - CO₂ emissions from 17,101,742 pounds of coal burned
 - GHG emissions avoided by 3.2 wind turbines running for a year
 - CO₂ emissions from 1,882,306,352 smartphones charged

**Thank you for choosing Safety-Kleen to
Make Green Work**



¹ Equivalencies obtained from EPA Greenhouse Gas (GHG) Equivalencies Calculator: <http://www.epa.gov/cleanenergy/energy-resources/calculator.html>

² Due to rounding, performing the calculations given in the equations above may not return the exact results shown in the EPA GHG Equivalencies Calculator tool.