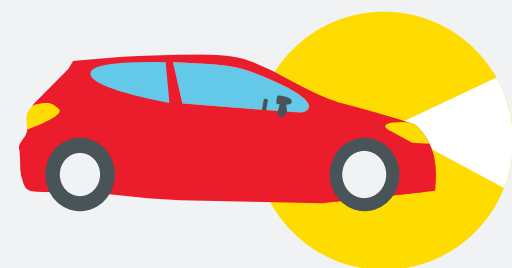


# PROTECTION AND LOWER EMISSIONS<sup>1</sup> DRIVING SIDE BY SIDE. TOGETHER, WE CAN MAKE A DIFFERENCE



## FOR THE EVERYDAY MOTORIST

With select Pennzoil synthetic 0W motor oils, you can **reduce your CO<sub>2</sub> footprint<sup>2</sup>** with improved **fuel efficiency<sup>1</sup>**.



Customers demand **engine protection and performance**, but want those benefits in a more **sustainable way**.



Select Pennzoil synthetic motor oils are **CARBON NEUTRAL<sup>2</sup>**

Emissions from all stages of the product lifecycle **ARE OFFSET BY PENNZOIL**

from acquisition of raw materials to the end of life of the product



## AVOID

WE ARE EMBEDDING CIRCULAR ECONOMY THINKING AND DESIGNING PRODUCTS WITH REDUCED GREENHOUSE GAS (GHG) AND LESS PACKAGING.



Our US Ecobox **reduces plastic packaging** by >80% vs. 5QT bottles and **reduces CO<sub>2</sub>e<sup>3</sup> emissions** by >60%.

Over 50% of the **electricity used** in Shell's Lubricant Blending Plants now comes from renewable sources.<sup>4</sup>

Shell is installing energy monitoring systems at select facilities that allow it to **improve their energy efficiency**.

## OFFSET



First, we focus on avoiding and reducing the emissions, while **helping customers manage their own sustainability needs**



Then we offset any **remaining CO<sub>2</sub> emissions** from lubricants with carbon credits generated from externally verified, high quality nature-based projects



Carbon credits protect and restore natural ecosystems<sup>4</sup> project by **naturally removing CO<sub>2</sub>** from the atmosphere.

## REDUCE

SHELL IS IMPROVING THE **EFFICIENCY** OF OUR FACILITIES

We have **reduced our carbon intensity in our operations by over 35%** since 2016<sup>5</sup>.



SHELL IS **REDUCING CO<sub>2</sub>e EMISSIONS** OF OUR SUPPLY CHAIN

We have optimized our logistics network and transportation, resulting in almost **10% reduction in CO<sub>2</sub>e** compared to 2018.

<sup>1</sup> Based on Sequence VI fuel economy test using SAE 0W-20. <sup>2</sup> The CO<sub>2</sub>e emissions associated with the raw material extraction, transport and production of this product have been offset with verified Nature-Based Carbon Credits. <sup>3</sup> The CO<sub>2</sub>e lifecycle emissions of this product have been offset with verified Nature-Based Carbon Credits.

<sup>4</sup> Nature-based solutions comprise all activities related to the protection, creation or redevelopment, of natural ecosystems, such as forests, grasslands and wetlands, to help absorb greenhouse gases from the atmosphere. <sup>5</sup> Refers to kilotonnes of CO<sub>2</sub> equivalent reduced in Shell's lubricant manufacturing operations.

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