



TOTAL

COMMITTED TO BETTER ENERGY



2 L à 7 L

WAVE can Packaging

The WAVE can product is a new high-density polyethylene (HDPE) canister used to hold lubricants, coolants or windscreen washer fluid. It is lighter and therefore uses less HDPE plastic raw material, while improving its performance in terms of mechanical resistance (especially resistance to dropping without the can bursting). Its new design also allows better optimization in terms of logistics, ergonomics, and product restitution. It is available in different sizes, from 0.25L to 7L.

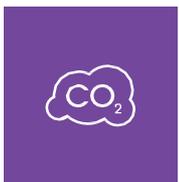
The Total Ecosolutions Advantage

The WAVE can differs from the previous can in the following environmental aspects:

- Thanks to the lighter weight of the can, use of resources is reduced, especially HDPE. It allows energy savings too, linked to the canister moulding process. *NB: the caps also have a reduced mass but are not considered in the calculation of environmental gains because the previous data are only available in Europe.*
- The WAVE can allows better optimization of palletization, integration of recycled HDPE, better ergonomics and product restitution: better grip and control of the product flow which improves pouring precision, reduction of dead volumes and crevices which limited restitution.

The Environmental Performance

Compared to the reference product, the previous can range of Total → WING :



14% reduction in greenhouse gas emissions



14% average reduction in energy consumption



14% average reduction in use of plastic raw material

EXTERNAL VERIFICATION

Independent auditor EY has verified that this product was labeled according to the method described in the Total Ecosolutions Guidelines and that the guidelines comply with the principles set out in the ISO 14020 and 14021 standards which govern environmental claims and particularly their accuracy.

Label Award date: November 2020
Guidelines Version 6

Label Term: December 2024

Geographical Scope: World

Leveraging innovation to serve continuous improvement, the Total Ecosolutions program involves developing products and services that enable our customers to improve their environmental footprint.

For any question or to learn more about the Total Ecosolutions program and the labeled products and services, go to: <http://www.ecosolutions.total.com/en>