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Total
January 2020

Independent assurance report on the award of the “Total Ecosolutions” label to the “xW-30 Fuel Economy engine oils for heavy duty vehicles” products

EY & Associés



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Further to your request, we have performed a review in order to obtain reasonable assurance that the “xW-30 Fuel Economy engine oils for heavy duty vehicles” products, a description of which can be found on the web site www.total.com¹ and in the external datasheet dated August 23rd, 2020, have obtained the “Total Ecosolutions” label in accordance with the version 5 of the “Total Ecosolutions Guidelines” dated June 22, 2016 (hereafter referred to as the “Guidelines”); the Guidelines, which can be downloaded from the web site www.total.com¹, have been established on the basis of the ISO 14020 and ISO 14021 standards and were the subject of a preliminary external review which gave rise to the issue of an independent report on their design, this report also being accessible on www.total.com¹.

We conducted our review in accordance with international standard ISAE 3000 (International Standard on Assurance Engagements) defined by IFAC (International Federation of Accountants). It is the responsibility of Total to regularly update the Guidelines, to ensure that they are made available to internal users and third parties, and to apply the Guidelines. It is our responsibility to express, on the basis of our review, a conclusion on the award of the “Total Ecosolutions” label to the “xW-30 Fuel Economy engine oils for heavy duty vehicles” products.

Nature and scope of our review

To express our conclusion, we performed the following review:

- We have assessed the reliability, accuracy, understandability, neutrality, completeness and relevance of the Guidelines and the constituents of the “Total Ecosolutions” label request file for products and services.
- We have conducted interviews with the persons in charge of preparing the label request file, and analyzed the documentation available (aiming at justifying the methods of evaluation of the product's overall environmental impact and of the comparative performance evaluation with the reference product). We have also reviewed the meeting minutes and documents used during the validation process by the “Total Ecosolutions” Labelling Committee and the Total Ecosolutions Management Committee, in order to identify any risks of deviation in relation to the label award process defined in the Guidelines. However, the scope of our work did not include the verification of data used as sources for the calculation.

¹ Exact address: <http://www.ecosolutions.total.com>

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To conduct the aforementioned procedures, we called on members of our teams specialized in environment and sustainable development.

Information or explanations

- The Guidelines aim to define the rules for the award of the “Total Ecosolutions” label, the organization and responsibilities, the methods for assessing the level of environmental performance and verifying the compliance with the Guidelines, the internal and external communication procedures as well as the rules for document management, in accordance with the requirements of the ISO 14020 and ISO 14021 standards.
- “xW-30 Fuel Economy engine oils for heavy duty vehicles” products are engine oils for heavy duty vehicles (freight trucks, bus, collection trucks). These products, due to their optimized viscosimetric profile, are characterized by their ability to reduce the friction of a heat engine.
- The assessment of environmental and health performance of the “xW-30 Fuel Economy engine oils for heavy duty vehicles” products is performed, by comparison for an equivalent service provided, with the Total RUBIA TIR 7400 15W-40 lubricant.
- The environmental and health assessment of the “xW-30 Fuel Economy engine oils for heavy-duty vehicles” products is based on the “Mercedes OM501FE” test. In the absence of normalized and recognized test for the truck sector, the “Mercedes OM501FE” was selected according to the manufacturer leading position on the trucks market, to the growing interest of the market for this test, and to ensure consistency with tests adapted to engine oils for cars.
- The functional unit considered is "lubricate the engine of an average motor sized heavy-duty vehicle for a 10.000 km average trip with a defined lubricant".
- The benefit considered significant and validated by the “Total Ecosolutions” Management Committee of the “xW-30 Fuel Economy engine oils for heavy duty vehicles” products is a fuel consumption reduction ranging between 1,08% and 1,47% obtained through the use of the labelled products.



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Conclusion

In our opinion, the “xW-30 Fuel Economy engine oils for heavy-duty vehicles” products have been awarded the “Total Ecosolutions” label, in all its significant aspects, in accordance with the Guidelines.

Paris-La Défense, January 29th 2020

EY & Associés
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