

This is a free translation into English of a report issued in French and it is provided solely for the convenience of English-speaking users.

Total
March 2019

Independent assurance report on the award of the "Total Ecosolutions" label to the "BioPRESLIA HT" product

ERNST & YOUNG et Associés



Total

March 2019

Independent assurance report on the award of the “Total Ecosolutions” label to the “BioPRESLIA HT” product

Further to your request, we have performed a review in order to obtain reasonable assurance that the “BioPRESLIA HT” product, a description of which can be found on the web site www.total.com¹ and in the external datasheet dated May 24th, 2018, has obtained the “Total Ecosolutions” label in accordance with the version 5 of the “Total Ecosolutions Guidelines” dated June 22nd, 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 “BioPRESLIA HT” product.

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>

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.
- The "BioPRESLIA HT" product is a biodegradable lubricant oil used in turbines and hydraulic circuits of hydroelectric power plants (e.g. valves and filtration screens). It is made up of more than 80% of biodegradable synthetic saturated esters of a readily biodegradable origin. It has a biodegradation rate of approximately 95% (easily biodegradable in aerobic environment).
- The assessment of environmental and health performance of the "BioPRESLIA HT" product is performed by comparison, for an equivalent service provided, with two mineral oils: TOTAL Preslia 46 for turbines and TOTAL Azolla AF 46 for hydraulic circuits.
- The environmental and health assessment of the "BioPRESLIA HT" product is based on the award of the European Ecolabel for the product category Lubricants that includes biodegradability criteria.
- The functional unit considered is "Lubricate for one year the hydraulic turbines and hydraulic circuits of a run-of-the-river hydroelectric power station".
- The benefit considered significant and validated by the "Total Ecosolutions" Management Committee, is the biodegradability of "BioPRESLIA HT" oil according to the European Ecolabel Referential for Lubricants (Decision (UE) 2018/1702).

Conclusion

In our opinion, the "BioPRESLIA HT" product has been awarded the "Total EcoSolutions" label, in all its significant aspects, in accordance with the Guidelines, subject to the renewal of the European Ecolabel certification before the end of 2019.

Paris-La Défense, March 29th, 2019

ERNST & YOUNG et Associés
Sustainability Services

Christophe Schmeitzky

