



**cifal**  
Argentina



United Nations Institute for Training and Research



**unitar**

Fundación



## Eco-label for the product GREEN PLUS

**Methodology for award of the eco-label:** is based on the meta analysis of the results of numerous tests carried out in different laboratories and companies in the world. With the data collected was formed a criterion, considering the results obtained in studies carried out with strict protocols, always in compliance with the quality standards commonly accepted by the specialized scientific community International. Attached is a summary of these studies by Foundation EcoConciencia where we base the following criteria for the eco-label.

### Conclusions by use of Green Plus:

#### *Gasoline (gasoline or benzene)*

Item	% Reduction
Fuel consumption	7%
Greenhouse gas	7%
Particulate material	30%

#### *Diesel (gas oil, diesel oil or petrodiesel)*

Item	% Reduction
Fuel consumption	7%
Greenhouse gas	7%
Particulate material (includes Black Carbon)	30%

**Precautionary approach in the calculation of greenhouse gas reduction:** in the same was not considered the potential of greenhouse effect of the reduction of Black Carbon, or reducing emissions of nitrous oxide, which much bigger would give a reduction in emissions, but took this precautionary measure of security for offset emission reductions which were visualized among the tests with different types and models of engines, and differences in different conditions of use.

**In petrol** (gasoline or benzene) reducing emissions of GHG greenhouse comes from increasing energy efficiency in fuel, which generates a reduction of 7% of the amount of volume consumed, which in turn allows the certification of a generalized and quantifiable reduction of 7% of the GHG CO<sub>2</sub> eq in petrol (gasoline or benzene) catalyzed with Green Plus technology. Reducing the particulate material emissions were 30%.

**For Diesel** (gas oil, diesel oil or petrodiesel) the reduction of emissions of Black Carbon, the Material particulate matter PM10 and PM2,5 were 30%. The reduction of GHG greenhouse come from increasing the energy efficiency in fuel, a more complete burning product, which results in a reduction of the amount of the volume consumed, and that allows to certify the reduction of the 7% of greenhouse gases expressed in CO<sub>2</sub> eq in Diesel (gas oil, diesel oil or petrodiesel), catalyzed the Green Plus technology.

In regards to the oxides of nitrogen NO<sub>x</sub> and sulfur dioxide SO<sub>x</sub>, checked important findings with the use of the Green Plus, indicating a significant reduction to help lessen the emission of these pollutant gases with great opportunities in thermal power stations and fuel marine.

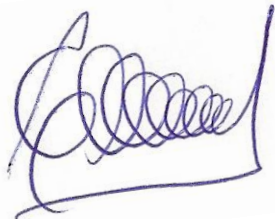
This allows that fossil fuels catalyst Green Plus technology, in the proportion of 50 parts per million, either in liters or gallons can be classified as **Energy Transition Fuel** needed to be incorporated into the energy transition of United Nations strategy.

In order for the EcoLabel benefits could be transferable to governments and companies, the principle of traceability must comply (must be a measurable, quantifiable and auditable process)

*Green Plus technology does not modify the physical, chemical, or thermodynamic characteristics of fossil fuels or biofuels. These continue while preserving its own characteristics, technical specifications and regulations allowing that technology can be used by all brands of engines and be added to all types of liquid fuels like gasoline (petrol or) benzine), Diesel (gas oil, diesel oil or petrodiesel), ethanol and biodiesel.*

It is recorded that the HOREB company has completed the integration of the Sustainable Development Goals into its corporate strategy, through training and workshops carried out by CIFAL Argentina, into this framework, is compatible for the issuance of this EcoLabel.

**The present EcoLabel will be in force since January 17°, 2019, with the following condition:** all the tests to be perform by HOREB globally with the Green Plus product, must be informed to Foundation EcoConciencia and CIFAL Argentina United Nations entity, to keep update the general conclusions. The non-realization of such duty will make fall the validity of the EcoLabel. This validity will be confirmed annually by a specific document to be issued by CIFAL Argentina.



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