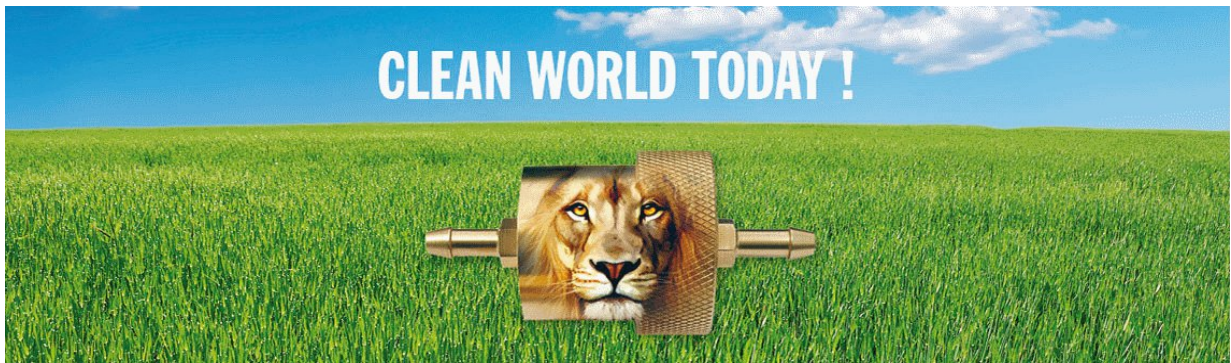




HTKC

CATALYST OF THE NEW GENERATION



HTKC is a (Dutch/German) acronym for High Temperature Ceramic Chip. As with more traditional accelerators, there is a ceramic element present. The composition of this element, together with the unique structure of the catalytic converter results in an effect on the composition of the fuel. The result is that the harmful substances get transformed into less critical compounds prior to combustion.



**BEST INTERNATIONAL
INVENTION
ON THE IFIA CUP**

1. HTKC catalyst for vehicles

Optimisation of energy and decreased pollution from engines.

- For all types of vehicles
- 70% less pollution
- Cleaner combustion in the engine

1. HIGH-TEMPERATURE CERAMIC CHIPS (HTKC)

The HTKC is installed in the fuel line as close to combustion as possible.

The HTKC permanently enriches the oxygen required for combustion with titanium oxide with electrons, so that combustion can proceed more completely.

The redox potential is then between - 200 and - 300 mV, instead of - 50 mV.

Pollutant emissions are reduced to a minimum (up to 70%)

Consumption can be reduced by up to 20%.

The lifetime of the systems is extended (renewal is delayed in heating systems).

The HTKC has no time limit (one-off purchase).

It can be used in all combustion systems.

Optimal in combination with the additive RedOx-it therm -micro (see below).

Different versions, depending on the system or power of the engine.

For larger systems, several HTKCs are connected in bypass, in series or in parallel.

It can also be used in water circuits

2. HTKC catalyst for heating

An efficiency improvement of the installation and of the burning.

- For oil fuel or gas
- Minimal emission values
- Cleaner combustion

ADDITIVE FOR CLOSED HEATING OR COOLING SYSTEMS (REDOX-IT THERM)

The addition of RedOx-it therm significantly improves the effect of the heat transfer medium for cooling or heating. The deposits, sludge and oxidation in these systems are reduced after a few weeks or kilometers driven.

This improves the performance and smoothness of engines and reduces fuel consumption.

In heating systems disappear the sludge (also v. Underfloor heating) and the smell and the dark color of the heating water.

The use of primary energy improves, so that the flow temperature drops (energy savings of 10 – 30%!). No more water losses in the heating system as microcracks close.

3. Ecologic RedOx-it additives

developed an environmentally friendly technology which significantly reduces these harmful processes.

- tyre: savings on tyre wear and tear,
- therm (plus): prevents blockages in the cooling circuit
- mikro oil: motor oil lasts longer

ADDITIVE FOR CLOSED OIL OR COMPRESSED AIR CIRCUITS - ALSO TIRES (REDOX-IT MICRO)

This additive causes a reduction in the friction energy in oil or compressed air systems. This reduces the wear of the material and the oil.

The consequences are the longer service life of the hydraulic oil and the reduced use of energy to build up the pressure.

For larger systems, it is also worth installing a HTKC. The use in tires (about 1 ml per car tire / about 3 ml per truck tire plus 9 times the amount of distilled water) reduces the abrasion, improves the adhesion and reduces the rolling noise.