

Fiche explicative en Anglais

PANTONE System

Today, the consumption and the pollution of our vehicles are very important problems.

Car manufacturers try to reduce the pollution for our health but also for the planet and the consumption. Their work is all the more important because standards are more and more restrictive. Innovations to decrease the pollution are very expensive, so the price of a new car is very high.

How can we reduce, significantly, the consumption and the pollution for our engines?

Mister Paul PANTONE is an American. He invented a system to decrease the pollution and the consumption. This invention is based on the recovery of lost energy. Waste energy comes from the exhaust gases. The exhaust gases emerge from the engine and are directed to a bubbler by a big tube. In the bubbler, a mixture of water and gasoline (50% of water and 50% of gasoline) covers a dip tube. This tube diffuses the exhaust gases into the mixture, causing a temperature rise. When the liquid is heated, it vaporizes. The vapours are sucked in a small tube. This small tube is in the big tube. The small tube is heated by exhaust gases. So, the vapours are very heat. Thanks to the heat and maybe another effect, the mixture vapour turns into an energetic gas.

The new mixture is sucked by the engine so it become the new fuel of the engine. Like you use this new fuel, you consume less gasoline. As the exhaust gases pass into the liquid, it's cleaned of its pollutants. So, the exhaust gases are cleaner.

This invention is very attractive for the reduction of consumption and pollutants but any car manufacturers and universities don't want to do a study on this system.

