

Oxygen is introduced into the organic alcohols to generate water, ozone and organic alkanes, which is environmentally friendly, efficient and low cost. The process of straw to gasoline is as follows: straw and moldy grain turn into furfural, furfural becomes an organic acids, organic acids change to organic alcohols, organic alcohols to organic alkanes. Oxygen is used as oxidant in all four processes.

Chemical reaction description: Straw->Furfural-> Organic acids-> Organic alcohols->Organic alkanes (such as Tetrachloroethane or Heptane).

The four sensors used to detect Oxygen & Acids & Alcohols & Alkanes (or Ozone).

在醇里通入氧气，生成水和臭氧还有烷，环保、高效、低成本。稻草变汽油的过程：草和发霉的粮食变糠醛，糠醛变成有机酸，有机酸变醇，醇变烷。这四个过程都用氧气作为氧化剂。

化学反应描述：草-->糠醛-->有机酸-->有机醇-->十六异乙烷（戊乙烷）或者二十四异乙烷（戊乙烷）或者四十八异乙烷（戊乙烷）。

草和发霉的粮食变糠醛需要醛传感器，糠醛变成有机酸需要酸传感器，有机酸变醇需要醇传感器，醇变烷需要烷传感器（检测烷的比例大于 99%）或者臭氧传感器（检测臭氧的比例接近零）。