**Résumé :**

Dans ce travail, on a caractérisé un capteur de haute pression de la rampe d’injection de moteur HDI 1.4.

La problématique de ce travail est de caractériser ce genre de capteur, alors on a réalisé un montage qui contient une rampe d’injection, un capteur de pression, de plus des instruments de mesures qui sont utilisés pour mesurer les différentes grandeurs.

Finalement on a caractérisé ce capteur.

Summary:

In this work, a high pressure sensor of the HDI 1.4 engine injection boom was characterized.

The problematic of this work is to characterize this kind of sensor, so we realized a mounting which contains an injection ramp, a pressure sensor, and more measuring instruments that are used to measure the different quantities.

Finally, this sensor has been characterized

**Abstract**

In this work, a high pressure sensor of the HDI 1.4 engine injection boom was characterized.

The problematic of this work is to characterize this kind of sensor, so we realized a mounting which contains an injection ramp, a pressure sensor, and more measuring instruments that are used to measure the different quantities.

Finally, this sensor has been characterized