

## **Autoignition Delay Characterstic of Hydrocarbon (n-Pentane) from Lean to Rich Mixtures**

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**Abstract :** This report is concerned with study of autoignition delay characteristics of n-pentane. Experiments are done for different equivalents ratio on Rapid compression machine. Dependence of autoignition delay period is clearly explained from lean to rich mixtures. Equivalence ratio is varied from 0.33 to 0.6.

**Keywords :** combustion, autoignition, ignition delay, rapid compression machine

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