



**Indicators of the diesel engine combustion process
when working on methanol with DST depending on
the load changes in different operating modes**

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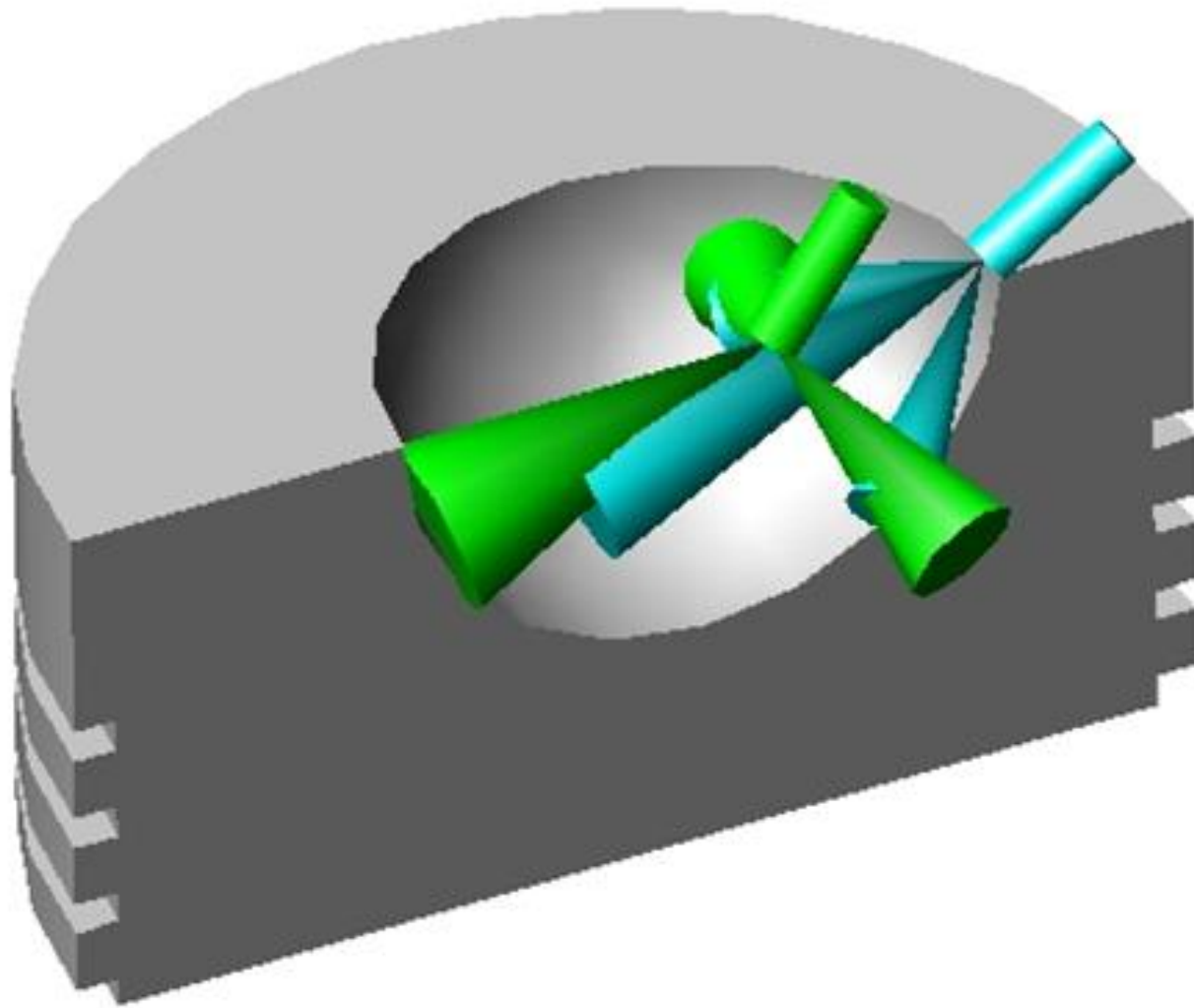


Figure 1 - Graphic representation of the intersection of DT and methanol torches in a diesel cylinder

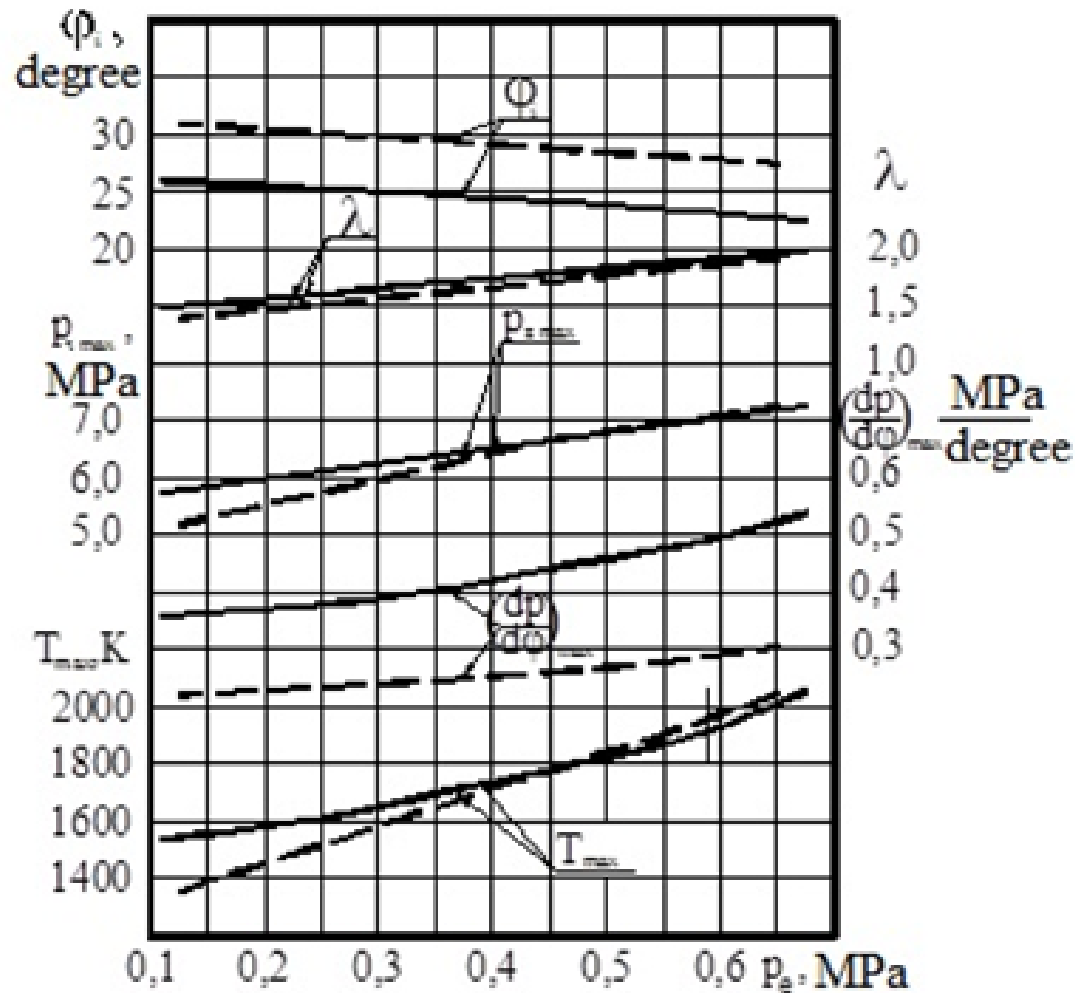


Figure 1 – The effect of using methanol with DST on the performance of the diesel combustion process 2CH 10.5/12.0 depending on the load change at $n = 1800 \text{ min}^{-1}$:
 — - diesel process; - - - methanol with ignited DT

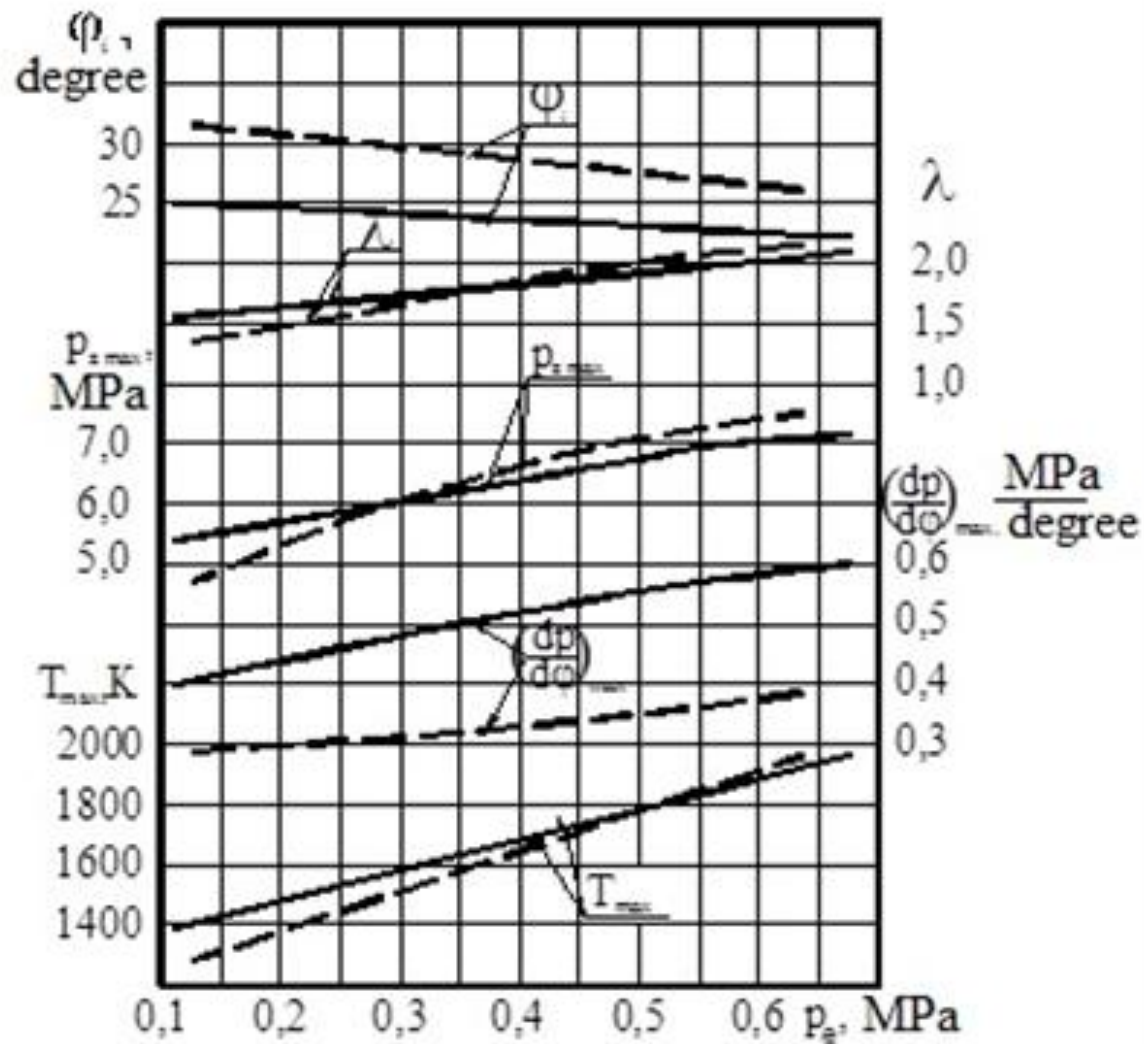


Figure 2 – The effect of using methanol with DST on the performance of the diesel combustion process 2CH 10.5/12.0 depending on the load change at $n = 1400 \text{ min}^{-1}$:
 — - diesel process; - - - - methanol with ignited DT