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 min⁻¹:  
- - diesel process; - - - - methanol with ignited DT