

## Ways to improve conditions in mineral oil lubrication of the internal combustion engines

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**Abstract** The paper analyses some phenomena affecting the cam-follower contact conditions, highlights some detrimental influences over the lubrication regime in this contact. The analysis of the theoretical model revealed the significant influence of thermal and starvation effects on the reduction of film thickness. To avoid these negative phenomena and in order to improve the lubrication regime we propose an original technical solution by using additional oil feed with oil jets, directed over the contact area.

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