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**APPLICABILITY OF TEST METHODS FOR FILTER PLUGGING TENDENCY  
(PUMPABILITY) FOR EVALUATION OF THE FOSSIL DIESEL AND BIODIESEL  
FUELS BLENDS**

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This work will demonstrate the performance of the selected test method, used for the evaluation of aged fossil diesel fuel/biodiesel blends. The work assessed the applicability of the Pumpability method for quality control of fossil diesel fuel/biodiesel blends, as well as predict the applicability of biodiesel blends after longer storage. The performance of the test methods is investigated on the following blends: B5 (5% V/V biodiesel in fossil diesel fuel) and B10 (10% V/V biodiesel in fossil diesel fuel). Ageing processes is observed during the period of eight months at normal laboratory conditions.

Diesel fuel engines are getting more and more demanding the higher fuel quality requirements. Market is strongly resisting and fear fore the increasing of the biodiesel content (above 5% V/V) in the fossil diesel fuel blends. Study includes additional research on blends which contain a special additive package to improve detergency, corrosive resistance, deemulsivity and decrease foaming of the fuel.