

THE INFLUENCE OF GEAR OILS PROPERTIES ON THE OPTIMIZATION OF VEHICLES MAINTENANCE

Authors

Victor - Horia ENACHE¹, Ion TABACU², Alexandru BOROIU³

¹University of Pitești, Romania, e-mail: enacheh@yahoo.com;

²University of Pitești, Romania, e-mail: tabacui@upit.ro;

³University of Pitești, Romania, e-mail: alexandru.boroiu@upit.ro.

Abstract

The maintenance system carries an entire range of aspects and a concretized administration of all the components for the purpose of achieving an efficient activity - “the motor vehicles maximum disponibility with minimum expenses“ - that requires their projection and optimization on scientific bases, by means of mathematical modelling over the maintenance processes. In order to reach the planned objectives within the motor vehicles maintenance field, the motor vehicles producers must adopt an organizatoric structure in which the management, technical, administrative and human factors that affect the quality of the products/services delivered are kept under control and ensure the reducing, elimination and especially the prevention of noncompliances and quality deficiencies.

Keywords

maintenance, quality, the cinematic viscosity, the viscosity index, the flashing point