

Facilitator Report to ASTM Section D02.B0.10 Standards Acceleration

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L-37 Load-Carrying Capacity of Lubricants Used for Final Hypoid Drive Axles

The aim is to update the D6121 Test Method by replacing the gasoline engine by an electric motor and to make other changes aimed at improving the repeatability and reproducibility of the test and addressing some of the issues relating to the use of test hardware which is not representative of current production hardware. The test is under the jurisdiction of the L-37 Surveillance Panel, chaired by Wes Venhoff.

The Task Force is still working to establish specific test conditions for the revised test. Meantime, it is anticipated that information will be received shortly on hardware changes (electric motor driven vs. fired engine driven test stand, AAM test hardware vs. Dana test hardware, etc).

Some sections of the current test method will likely not change significantly and, in collaboration with Wes, work has started to make editorial revisions to these to ensure they conform to the latest editorial standards.