

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

Facilitator: Terry Bates

Report period: July 2014 to Dec 2014

Hours June to Dec 2014: 194

L-37-1 Test: Load-Carrying Capacity of Lubricants Used for Final Hypoid Drive Axles

The test is under the jurisdiction of the L-37 Surveillance Panel, chaired by Chris Prengaman.

There has been no facilitator activity since the June report. The SP is writing a new draft procedure using pinions and rings manufactured by Gleason. Each lab will build their own axles by installing these pinions and rings in the same (Dana) housing used in the L-37 test.

It is anticipated that the first test will be available in Q1.2015 and that a draft procedure will be available for facilitating in the same timeframe.

Caterpillar C13 Engine Oil Aeration Test

Surveillance Panel chair is Martin Thompson (SWRI).

Work on the first draft, received in June 2014, was completed in July 2014. Since then the SP have been refining the test procedure and have initiated the test matrix. It is anticipated that a revised test procedure will be available for editing by end 2015.

Sequence IIIH (Chrysler Oxidation and Deposit Test)

Surveillance Panel chair is Karin Haumann (SWRI).

The first draft for editing was received in Sept 2014. Proposals were made for extensive revisions to sections on Apparatus, Preparation of Apparatus, Calibration, and Engine Operating Procedure. These have been reviewed by Karin and an agreed revised draft written in November.

Following some changes, the test procedure has now been finalized and it is anticipated that the precision matrix will start in January and will take about 4 to 6 weeks to complete. An updated procedure will be available for editing by end 2014.

DDC D13 Scuffing Test

As reported in June, the DD13 Scuffing test will not be part of the PC-11 category. There will, therefore, be no requirement for facilitator support.