

Development of Fixed Limits for HD Elastomers

- As part of the replacement of TMC 1006, it was hoped that fixed limits could be developed for the EOEC test elastomers
 - Should simplify any future changes in reference oil
- Analysis of the reference data has indicated a statistical difference in performance between laboratories
 - The difference shows up in both fresh elastomer and used elastomers
- Until the laboratory differences are addressed it will not be possible to develop fixed limits for the test
- Surveillance Panel Workshop identified some possible areas for improvement:
 - Bath Setup and Fluid
 - Tensile strength measurement of cross-sectional area
 - Elastomer storage
 - Instrumentation for hardness testing
- If test can be brought into control, fixed limits can then be developed