Sequence V Surveillance Panel Meeting December 3, 2019 10 AM Eastern

Roll Call:

Afton: B. Maddock, B. Campbell, Ed Altman

Ford: R. Romano

GM: B. Cosgrove

Infineum: D.Boese, A.Ritchie, C. Leverett

Intertek: A. Lopez

Lubrizol: Joe Gleason

OHT: Jason Bowden

Oronite: J. Martinez, Robert Stockwell

Shell: J. Hsu

SwRI: D. Eckstrom, T. Kostan

TEI: Jerry Etter

TMC: Rich Grundza

Membership Changes: None

Chairman's Comments: The main topic for this call was to review ASTM Semi annual report to the Class Panel and review and approve changes to rater calibration criteria. Also to discuss the recent mild sludge reference oil results on 1009-1.

The panel reviewed the chairman's report to subcommittee B Classification Panel. There were no comments or concerns. The chairman will present this report to the classification panel next week.

The group reviewed a proposal to add sludge as a rater calibration criteria and requiring rater's wishing to calibrate to rate at least nine sludge parts and decreased the number of parts rated for varnish from 24 to 16. Bob Campbell, Rating Panel Chair, briefly explained the reasoning for the change and that the decreasing of varnish parts should allow for ample time for raters to rate the sludge parts. The panel agreed to these changes and the TMC was instructed to issue an information letter.

The panel discussed briefly discussed recent results on reference oil 940. The TMC indicated that there has only been one result reported since the last meeting and it was on or near target. The panel has been trying to ascertain whether there has been a mild trend which may contributed to the mild results on reference oil 1009-1, which were discussed during the previous call. The TMC will continue to monitor reference data for any anomalous results and report to the panel. Also discussed was the discrepancy between initial viscosity results

obtained on the new blend of 1009-1 versus the values published in the TMC Reference Oil book. TMC investigation indicated that the numbers published in the book were found to be incorrect and the reference oil book has been updated to reflect the correct values.

The panel was also made aware that the rating work sheet for the right rocker cover did not have the correct locations for the rating sights. The TMC will issue an information letter to address this discrepancy.

Meeting was adjourned at 11:00 am.