Caterpillar Surveillance Panel Conference Call 03/31/2015 9:30AM CST

Attendance:
Jim Gutzwiller
Martin Thompson
Jim McCord
Hind Abi-Akar
Mark Jarrett
Elisa Santos
Kevin O'Malley
Bob Campbell
Mey Dewey
Jim Moritz
Sean Moyer
Jim Rutherford
Mark Cooper
Michael Conrad
Adam Roig

Agenda Items:

- 1N Targets and Correction Factors for TGF parameter

Old Business:

Discussion Items:

1N Targets and Correction Factors for TGF

Elisa Santos Presented the **811 data adding plus one to TGF and taking the log** document.

- This data set only included 811 data.

The correction factor was determined using only 811.

The pooled standard deviation included both 811 and 809. It was discussed that the standard deviation could be calculated only using 811 as well. This was determined unnecessary since the performance on both oils is relatively similar.

It was commented that the correction should be most accurate near the pass fail limit.

The references will need to be re-transmitted with the new correction factors for reference tests going as far back as 2004.

The target mean will remain unchanged from one liner to the next. Instead a correction factor is used on all 1Y3998 to match the targets of 1Y355. The standard deviation will be changed to match the standard deviations by oil of the 1Y3998 performance.

The historical performance of the 1Y3998 will be updated in the LTMS control charts to reflect the changes below.

Motion: Jim Moritz Second: Bob Campbell

Adopt the reference targets from Scenario 5c +1. The target for reference oil 809-1 will be 3.410591 with a standard deviation of .563970. The target for reference oil 811-1 will be 3.077855 with a standard deviation of .362927. The target for reference oil 811-2 will be 2.961267 with a standard deviation of .361554. These targets only apply to reference runs on 1Y3998 liners. This is effective on all reference tests that complete on or after April 1st 2015. Labs will resubmit historical tests on 1Y3998 for historical purposes.

Opposed: 0 Waves: 0 Motion Carries

Motion: Jim Moritz Second: Bob Campbell

Due to the shift in performance on the 1Y3998 liner, impose a correction factor on TGF of .419954 and a correction factor of 0 on TLHC. This applies to all references on 1Y3998 liners and all candidates that start on or after April 20th 2015. All references on 1Y3998 liners should be re-reported with this correction factor so that appropriate severity adjustments may be re-calculated.

Opposed: 0 Waves: 0 Motion Carries

Motion: Jim Moritz Second: Bob Campbell

Use the pooled standard deviation for 1Y3998 liners from Scenario 5c+ 1 of .488165 when calculating lab severity adjustments for TGF. The severity adjustments based on this pooled standard deviation will be applied to all candidate tests starting on or after April 20th 2015.

Opposed: 0 Waves: 0 Motion Carries