CAT Surveillance Panel
Conference Call Meeting Minutes
July 23, 2013

The call began at 11:00 am EDT.

Attendance
Intertek - Brad Carter, Adam Roig
SwRI - Martin Thompson, Gary Hammer
TMC - Jeff Clark, Sean Moyer
Afton - Bob Campbell
Infineum - Jim Gutzwiller, Pat Fetterman, Elisa Santos
Lubrizol - Andrew Stevens
TEI - Clayton Knight
OHT - Jason Bowden
CAT - Hind Abi-Akar, Beth Sebright

CAT 1N Reference oil industry alarm for BSOC and TLHC

The 1N is currently in action alarm for BSOC and TLHC, both in the mild direction. Elisa Santos of Infineum reviewed an analysis of test performance by cylinder liner part number (attached). Elisa noted that the 1Y3998 liner, which is the most recent liner, seems to be producing results that are less variable. Elisa is interested in knowing if parts acceptance criteria has changed over time so that she can account for it in the analysis; specifically she is interested in the date that the criteria may have changed.

Elisa doesn't have enough information at this time to consider developing a correction factor, but with the additional information (noted above), she hopes to begin work on developing potential correction factors.

Beth Sebright noted that the print release for the 1Y3998 liner is from April 15, 2004, and it appears no design or supplier changes have taken place. After much discussion and review of information it was determined that the 1Y3555 liner was the only liner used from 1994 until the introduction of the 1Y3998 liner.
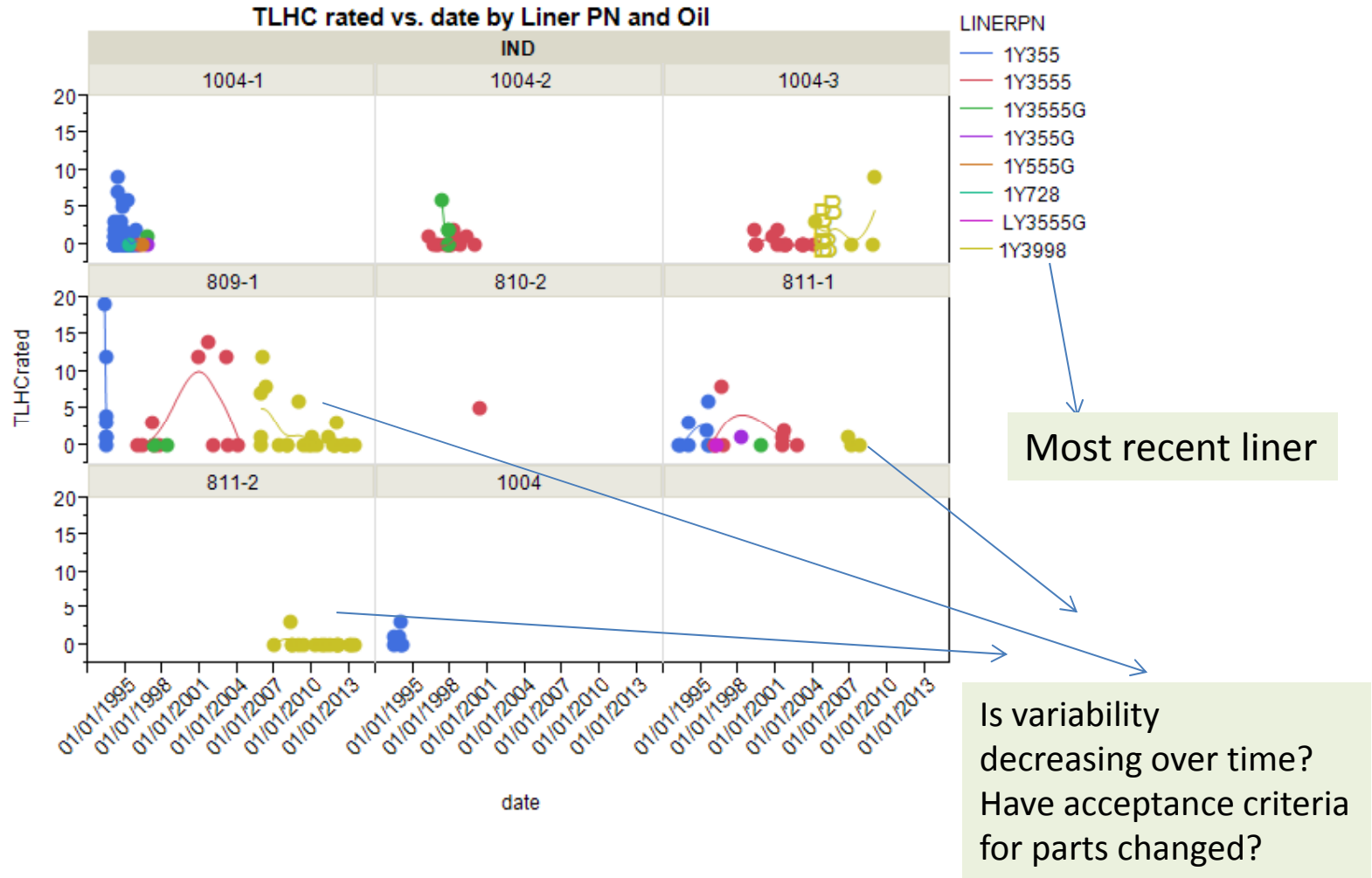
Elisa will take the information from this call and work on an analysis for the purposes of possibly updating/implementing 1N correction factors. Elisa was asked by the panel to also look at the 1K.
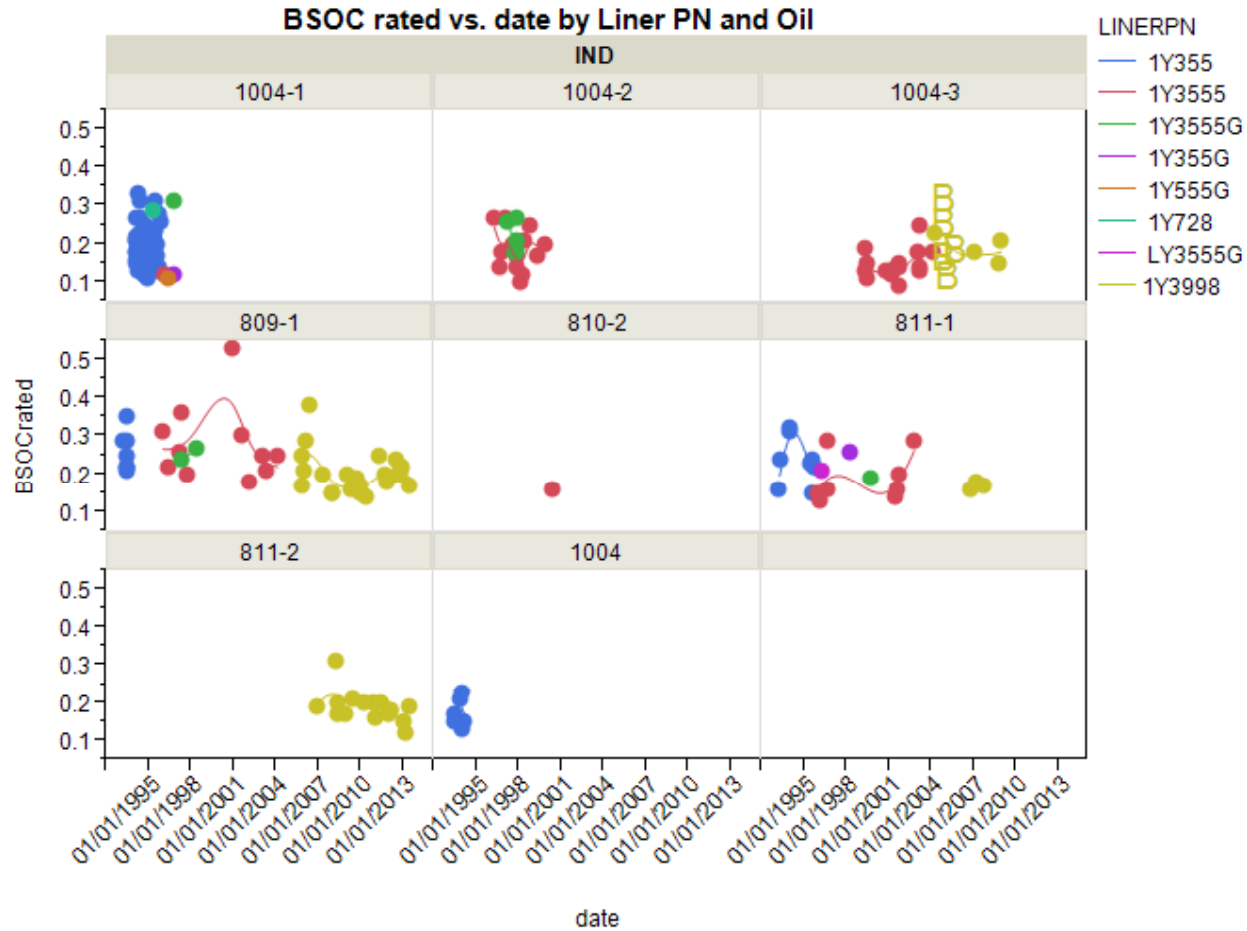
Update on timing sensor for 1Y3700 engine

Beth Sebright has not yet located a new supplier. Labs noted that they don't have spare timing sensors and this could be a potential problem. CAT will work with the labs to resolve this issue.
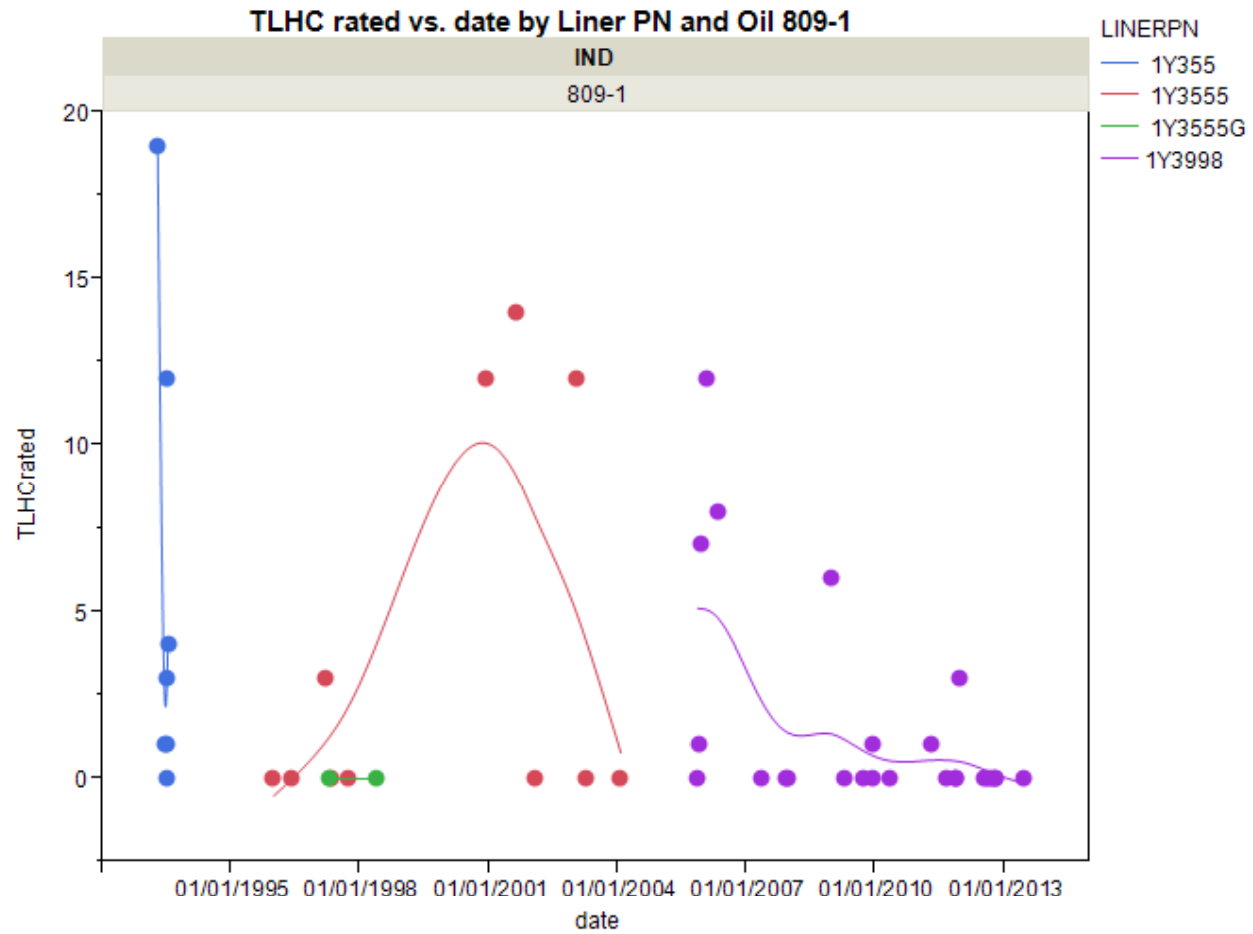
The call ended at 12:00 p.m. EDT.
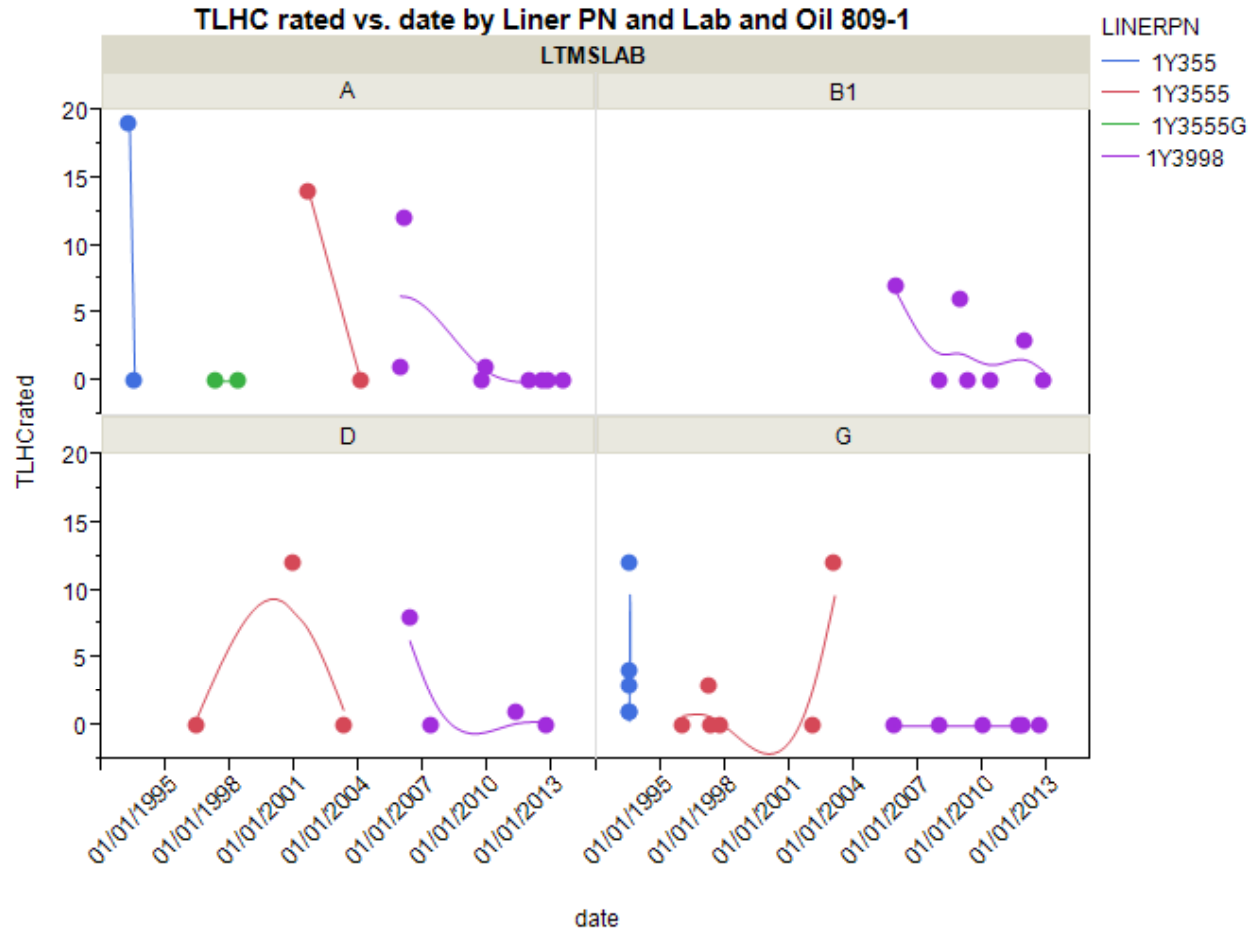
Current labs running the 1N: A, B1, D and G

Most recent liner

Is variability decreasing over time? Have acceptance criteria for parts changed?

Current labs running the 1N: A, B1, D and G

809-1

TLHC rated vs. date by Liner PN and Oil 809-1

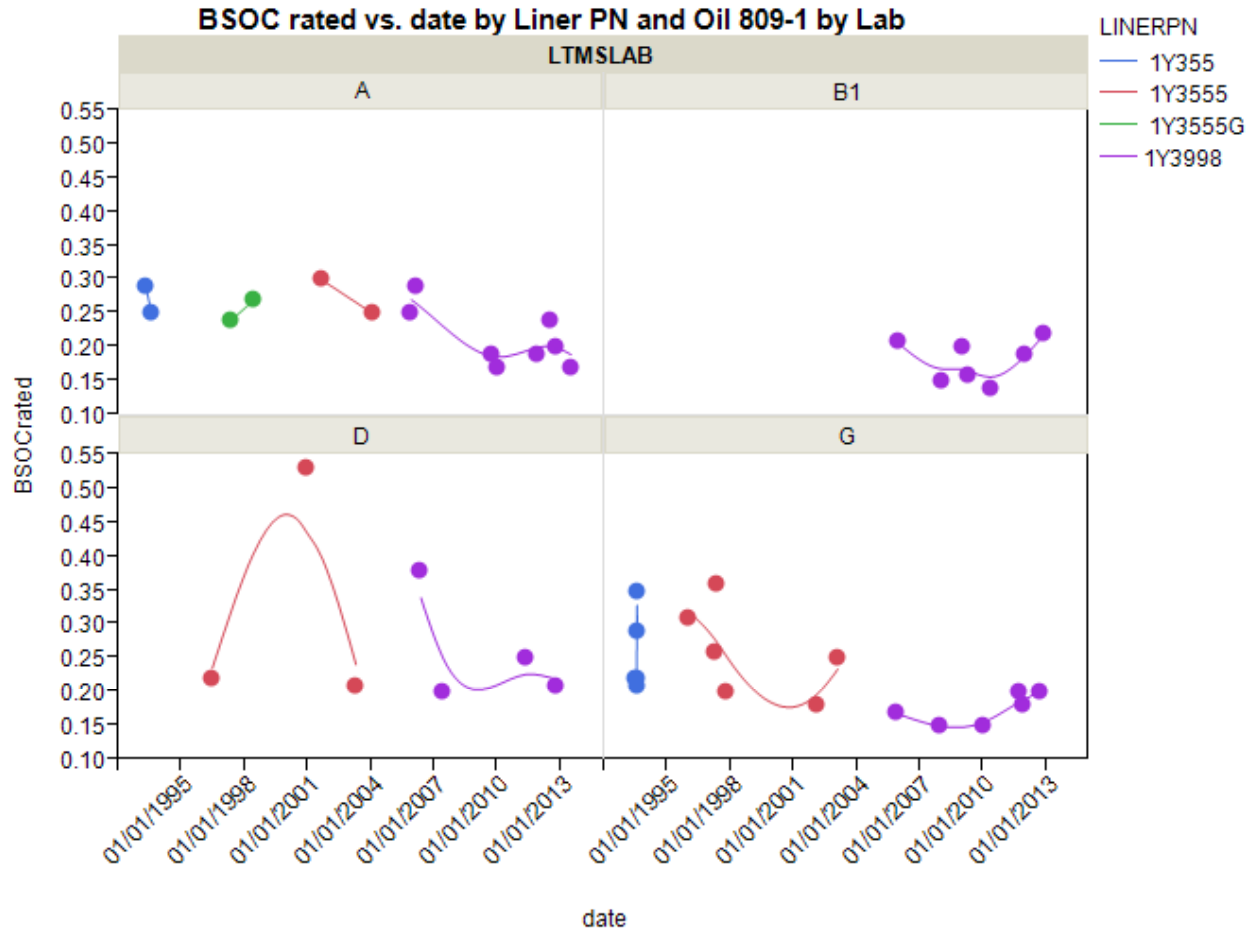# 809-1 by Lab

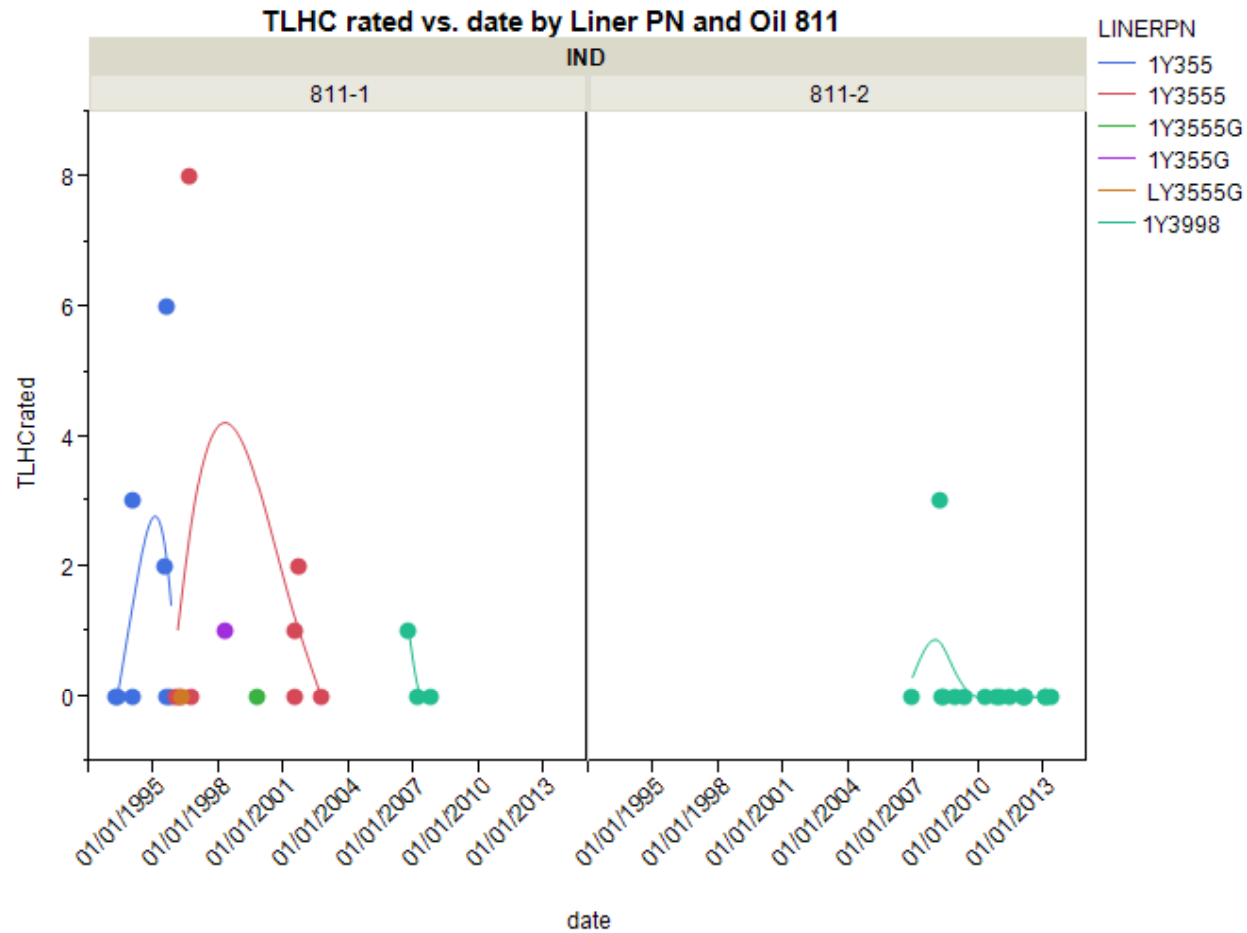TLHC rated vs. date by Liner PN and Lab and Oil 809-1

BSOC: 809-1 by Lab

811 oil: labs A, B1, D and G

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