

# LSPI AGING INDUSTRY CONFERENCE CALL

Date: 16 July 20

## ATTENDANCE

SWRI	Christine Eickstead, Pat Lang, Khaled Rais, Travis Kostan
INTERTEK	Al Lopez, Jason Soto, Charles Flores
LUBRIZOL	George Szappanos
AFTON	Christian Porter, Brent Calcut, Todd Dvorak, Ben Maddock
ORONITE	Kevin Brodwater, Kirsten Runyan
INFINEUM	Doyle Boese, Charlie Leverett
API	
TMC	Sean Moyer
FORD	Ron Romano, Mike Deegan
EXXON	
GM	
SHELL	
VALVOLINE	Amol Savant
CALUMET SPECIALTY	Muibat Gbadamosi
NESTE	
SK LUBRICANTS	Jeff Presley
APL	
VANDERBILT	Jeremy Styer
HALTERMAN	Prasad Tumati
F C A GROUP	
TOYOTA	
NOVVI	Steve Haffner
KLEEN PERFORMANCE	

### Stats Presentation:

Travis presents analysis of Silicon vs. LSPI performance.

- Ron – why such a difference between Lab G and the other labs? Use of RTV? Type used?
  - Lubrizol uses custom-cut gasket, SwRI will have to check.
  - Should work to minimize differences between labs with whatever is causing differences in Si
- Oil pan uses RTV, **labs will confirm**.
- Ron – looking at data, inclined to ask everyone to start using the gasket instead of RTV.
- Pat – Let's get an accurate list of what everyone is doing, then decide. Seem with other test types – the technician building engine can have large impact with amount of RTV used.
- Deegan - Should also consider sealant type.
- RTV is specified in procedure, should all be using the same one. Need to confirm. Deegan – Ford needs to confirm that what's specified in procedure is the right one.
- Khaled – SwRI only uses gasket for CW, not LSPI.
- Ron – Where do we go from here? Pat – This should make this a topic for LSPI SP.

Need to discuss BB. Labs, please post data to TMC Sean, he will post to TMC website.

Pat – The group needs to decide, with the missing two tests, what conclusions can we make? Stats group will need to analyze, is there enough data to make a conclusion for the matrix at all?

**Post-meeting follow-ups from the group:**

- ➔ Lubrizol uses front cover gasket Cosmetic #EC1948018AFM on all Ford 2L builds.
- ➔ The Ford shop manual calls for RTV Motorcraft TA-30 Silicon and Gasket Sealant.
  - IAR uses Motorcraft TA-30 ordered from a Ford dealership.

**Updated Matrix:**

- Afton
- Infineum
- Lubrizol
- Oronite
- Intertek
- SwRI
- GM
- Ford
- API

Aging Cycle Runs	Lubrizol	IAR	SwRI
1	A Aging Cycle	A Aging Cycle	B Aging Cycle
2	B Aging Cycle	B Aging Cycle	A Aging Cycle

LSPI Runs	Lubrizol	IAR	SwRI
1	A Fresh	A Aged	B Aged
2	A Aged	A Fresh	B Fresh
3	B Aged	B Fresh	A Fresh - CANCELLED
4	B Fresh	B Aged	A Aged