

Sequence X OH Task Force

Teleconference Minutes

02/20/2025 @ 10:30-11:30 CST

1. Attendance:

Christopher Tostad (Infineum)	Michael Deegan (Ford)
Dan Lanctot (TEI)	Jeff Hsu (Shell)
Jason Bowden (OHT)	Jason Soto (Intertek)
Christine Eickstead (SWRI)	Robert Stockwell (Oronite)
Al Lopez (Intertek)	Amanda Stone (Afton)
Pat Lang (SWRI)	
Rich Grundza (TMC)	
Sean Moyer (TMC)	
Layne Tierney (Afton)	
Na Tyrer (GM)	
George Szappanos (Lubrizol)	
Ricardo Affinito (Chevron)	

2. Agenda:

- Discuss the introduction of the new timing chain tensioner design. (Jason Soto)

3. Minutes:

Jason Soto: Presented photos of cast iron and aluminum tensioners. Discussed visual differences between designs.

Robert Stockwell: Asked about dimensional differences between tensioners.

Michael Deegan: Pulled up design drawings to show some dimensional differences between tensioners. Aluminum tensioners use a 2mm shorter fasting bolt.

Robert Stockwell: Additional internal measurements of both tensioners should be taken.

George Szappanos: Offered to distribute some of his inventory of cast iron tensioners if needed.

Discussion to introduce new tensioners:

1. Bring in the Aluminum tensioner with a single reference, one TMC270 run and one TMC271 discrimination run. For each stand.

2. Back-to-back comparison of cast iron and aluminum tensioner runs on TMC270 with no discrimination run. For each stand.
3. Back-to-back comparison of cast iron and aluminum tensioner runs on TMC270 with one discrimination run on TMC271.
4. Allow cast iron tensioners to be used indefinitely. Lubrizol will distribute surplus.

The Appendix includes the presentation that was reviewed during this meeting.

4. **Next Meeting:** Surveillance Panel Meeting 02/27/2025 @10am CST

5. **Appendix:**

Timing Chain Tensioner



Only the steel tensioners pictured on the right are approved for Sequence X testing. The aluminum tensioners are expected to be approved in the future.

- 2018 tensioner on the left and 2016 on the right.
- The timing chain tensioner is a critical batched component for the chain wear test. Only the 2016 style batched tensioners should be used for CW.

