

Minutes of the **D4485 Surveillance Panel** Hybrid Meeting
Seattle, WA
June 29, 2022

Attendance:

Laura Birnbaumer (Chair)
Michael Kasimirsky
Luc Girard
Beth Schwab
Jeff Harmening
Isabela Gabrel
Frank Farber
John Loop
Joe Franklin
Mike Kunselman
Bill Orion
Sid Clark

The meeting was called to order at 3:01 pm Pacific Daylight Time (PDT).

The chair reviewed the Agenda. (attached)

The minutes were approved unanimously. (Motion by Joe Franklin, Second by Luc Girard)

The negative vote on the current Information Letter was reviewed and discussed. That negative vote had been ruled “Not Related” at the Subcommittee B meeting prior to the Surveillance Panel meeting. After some discussion, Sub. B noted that the Information Letter was not introducing the API Service Categories listed in D4485, only reorganizing them within the Standard. As such, it was unanimously found to be “Not Related” and therefore rejected.

The topic raised in that negative vote must be considered as an item of New Business for the Surveillance Panel.

Jeff Harmening presented some information on the API licensing numbers for older “S-Service” categories (attached) for the panel to consider. He noted that 70% of API SJ to SN licenses are outside of North America.

After further discussion, a motion was made to adopt the following guidelines for which API Service Categories to be included in D4485:

Since D4485 states “active API Categories,” so long as an API Service Category is active, it shall be included in D4485, and it shall be up to API to declare a Service Category obsolete, at which time it shall be removed from D4485.
(Motion by Joe Franklin, Second by John Loop)

The motion was unanimously approved.

The next item of new business was because of the new Reference Oil for HD elastomers and the adjustment to the limits using this reference oil in D4485:

The new proposed variable limits are as follows:

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- **Proposed Variable Limits**

Note – These are the *unadjusted specification limits* for elastomer compatibility. Candidate oils shall, however, conform to the *adjusted specification limits*, the calculation of which is described in **Annex A4**.

Elastomer	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	Elongation at Break Change, %
Nitrile (NBR)	(+5, -3)	(+7, -5)	(+10, - SL107-30)	(+10, - SL107-17)
Silicone (VMQ)	(+ SL107 , -3)	(+5, - SL107)	(+10, -45)	(+20, -30)
Polyacrylate (ACM)	(+5, -3)	(+8, -5)	(+18, -15)	(+10, -35)
Fluoroelastomer (FKM)	(+5, -2)	(+7, -5)	(+10, - SL107+2)	(+10, - SL107)
Vamac G	(+ SL107+2 , -3)	(+5, - SL107-2)	(+10, - SL107+2)	(+10, - SL107+10)

Further, all other references to TMC 1006 in D4485, including those in the Annex shall be revised to reference SL107, as appropriate.

A motion was made to accept the proposed limits and it was unanimously approved. An Information Letter will be written and sent to ballot before the change shall become effective.

There was no other new business.

The next meeting is at the Call of the Chair.

The meeting adjourned at 3:35 pm PDT.

Agenda
D4485 Surveillance Panel
June 29, 2022
Seattle, WA

- I. Call to Order
- II. Review of the Minutes
- III. Review of Agenda
 - a. Review of negative to last D4485 Information Letter
 - b. Review of proposed new Information Letter with new Reference Oil for HD elastomers and the adjustment to the limits
- IV. New Business
- V. Next meeting: potentially in December at Orlando following Sub B or at the call of the Chair
- VI. Adjournment

D4985

CUE COLUMN

NOTES

Attendee List

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Luc Girard

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SUMMARY

API Licenses for Older S-Service Categories

