

Cummins Surveillance Panel
ISB (ASTM D7484)
ISM (ASTM D7468)
11/11/2025

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Agenda

- ISB Camshaft Review – SWRI Test Results
- ISM Kit Status
- ISBV Report Changes 108 MRV and Addition of 6 Cst
- ISBV 12 and 15 cSt Severity
- AOB

ISB Pitted Camshaft Results

- See presentation from SWRI
- Estimated 300 cams with 1 pit on intake and 1 pit on exhaust lobe
- How do we track pit locations?
- How do we handle LTMS?



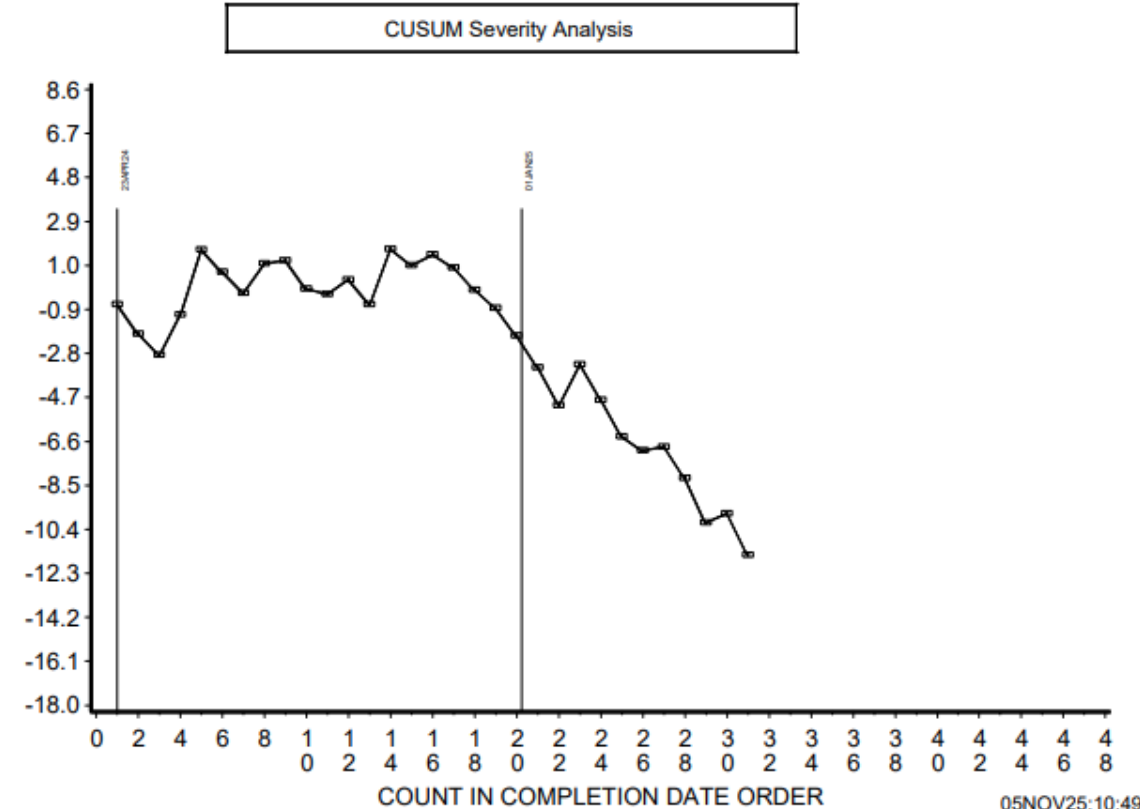
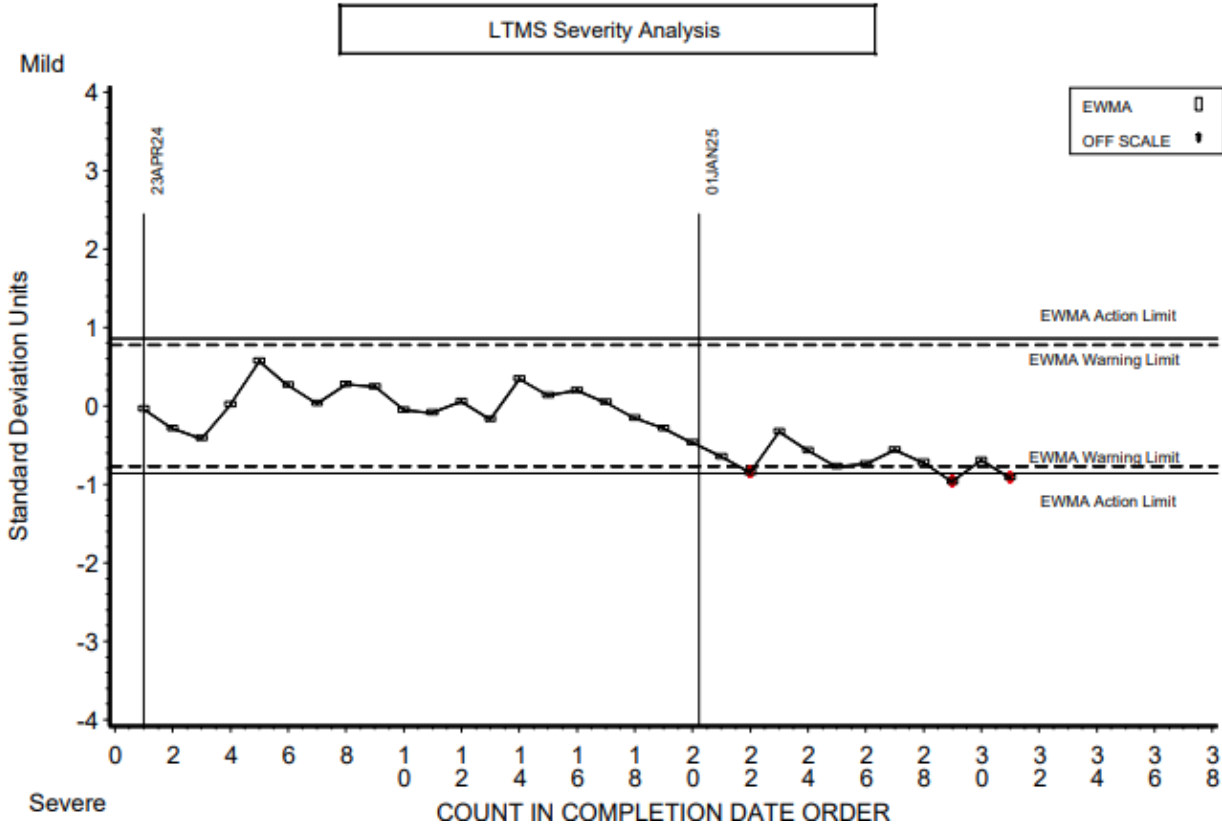
ISM Kit Status

- Status of ISM kit availability
- ISM blocks in short supply with new blocks coming in slowly

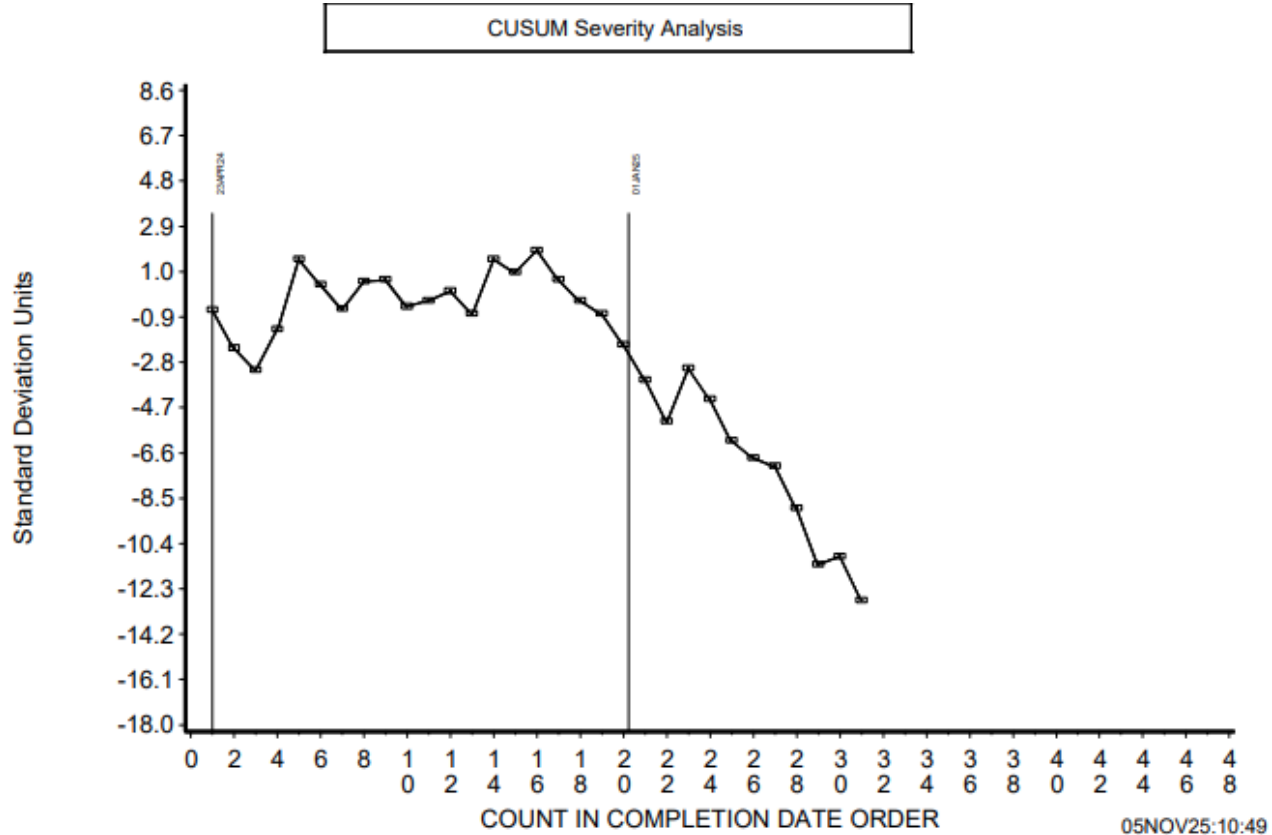
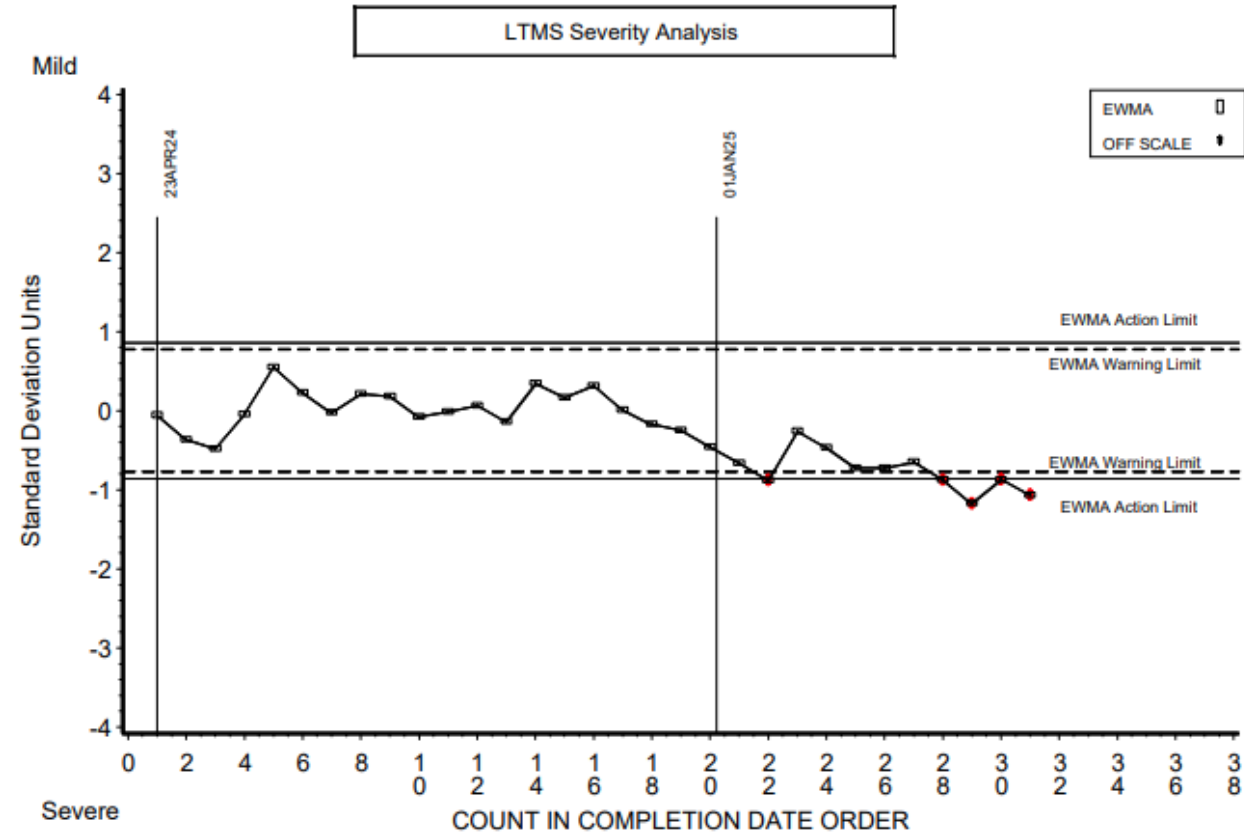
ISBV Procedure and Report Changes

- Add validity statement for 108 hour MRV for the ISBV156
- Direction from NCDT to add 6 cSt to ISBV156
 - LTMS
 - Add calculation for 6 cSt to report

ISBV156 Severity Soot % at 12 cSt



ISBV156 Severity Soot % at 15 cSt



ISBV 156 Reference Results

Soot 12 cSt

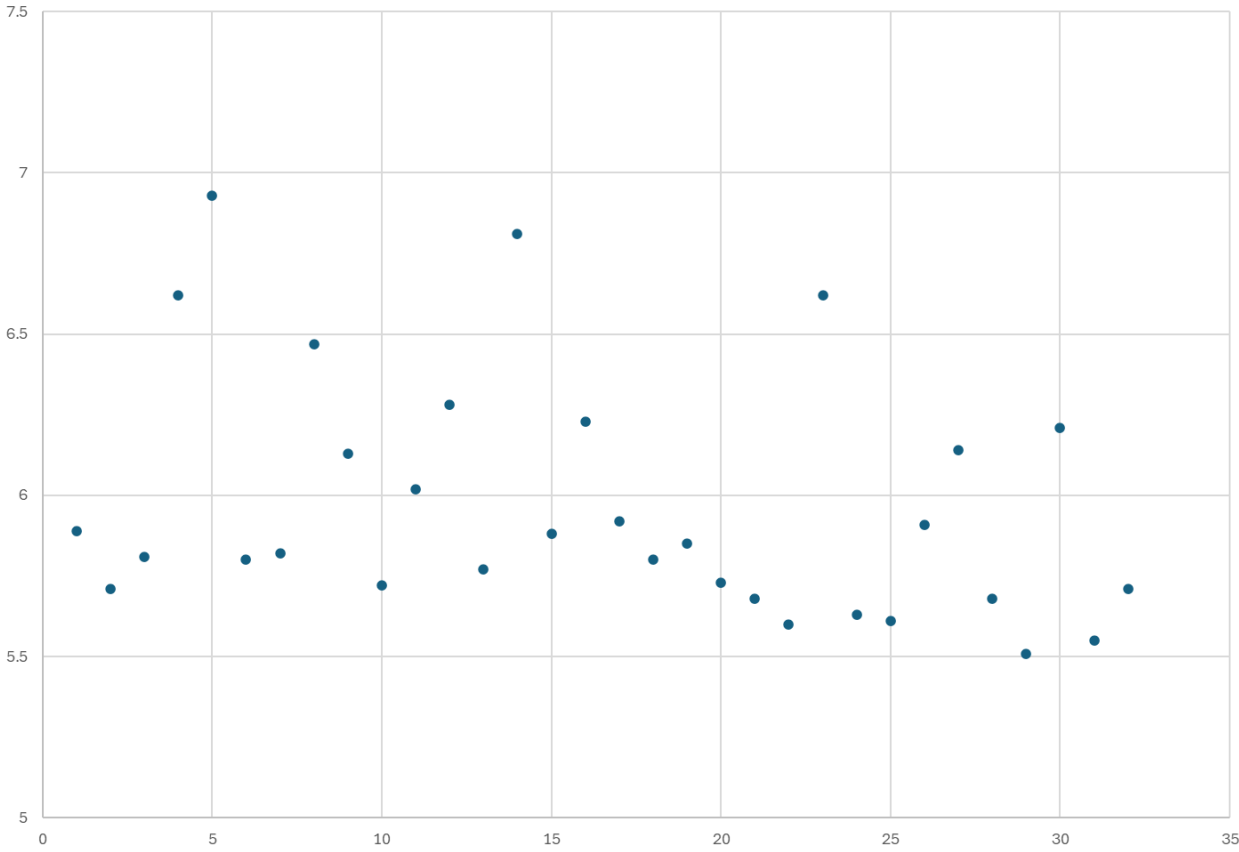
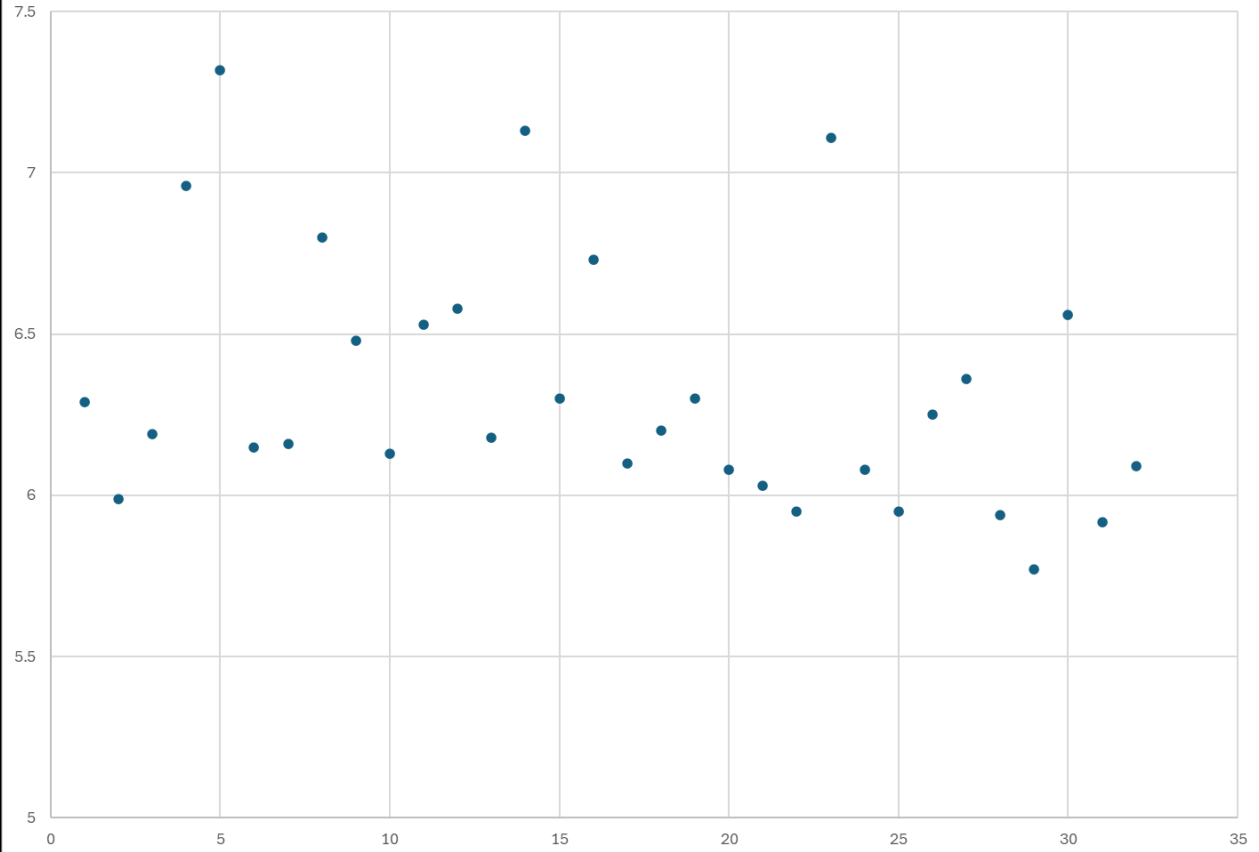


Chart Soot 15 cSt



834 Oil Moving to 834-1

- Moving to 834-1
- Referencing?
 - Reduced Limits – Rolling Change Level 2 per LTMS
 - Will evaluate once data is available

Concluding Remarks

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