



A Program of ASTM International

# ***Test Monitoring Center***

<http://astmtmc.cmu.edu>

## ASTM Reference Testing Semi-Annual Report EOFT

April 2020

# EOFT Test Activity\*

Test Status	Validity Code	Number of Tests
Acceptable Calibration Test	AC	148
Failed Calibration Test	OC	3
Operationally Invalid, by Lab	LC	1
Operationally Invalid, by TMC	RC	1
Aborted Calibration Test	XC	1
<b>Total</b>		<b>154</b>

\*October 1, 2019 – March 31, 2020

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# EOFT Failed Tests

Failed Parameter	Number of Tests
Mild Change in Flowrate	1
Severe Change in Flowrate	2
<b>Total</b>	<b>3</b>

# EOFT Lost Tests\*

Status	Cause	#
Invalid	Sample Preparation Error	1
Invalid	Incorrect Oil Used	1
Aborted	Sample Preparation Error	1
<b>Total</b>		<b>3</b>

\*Invalid and aborted calibration tests

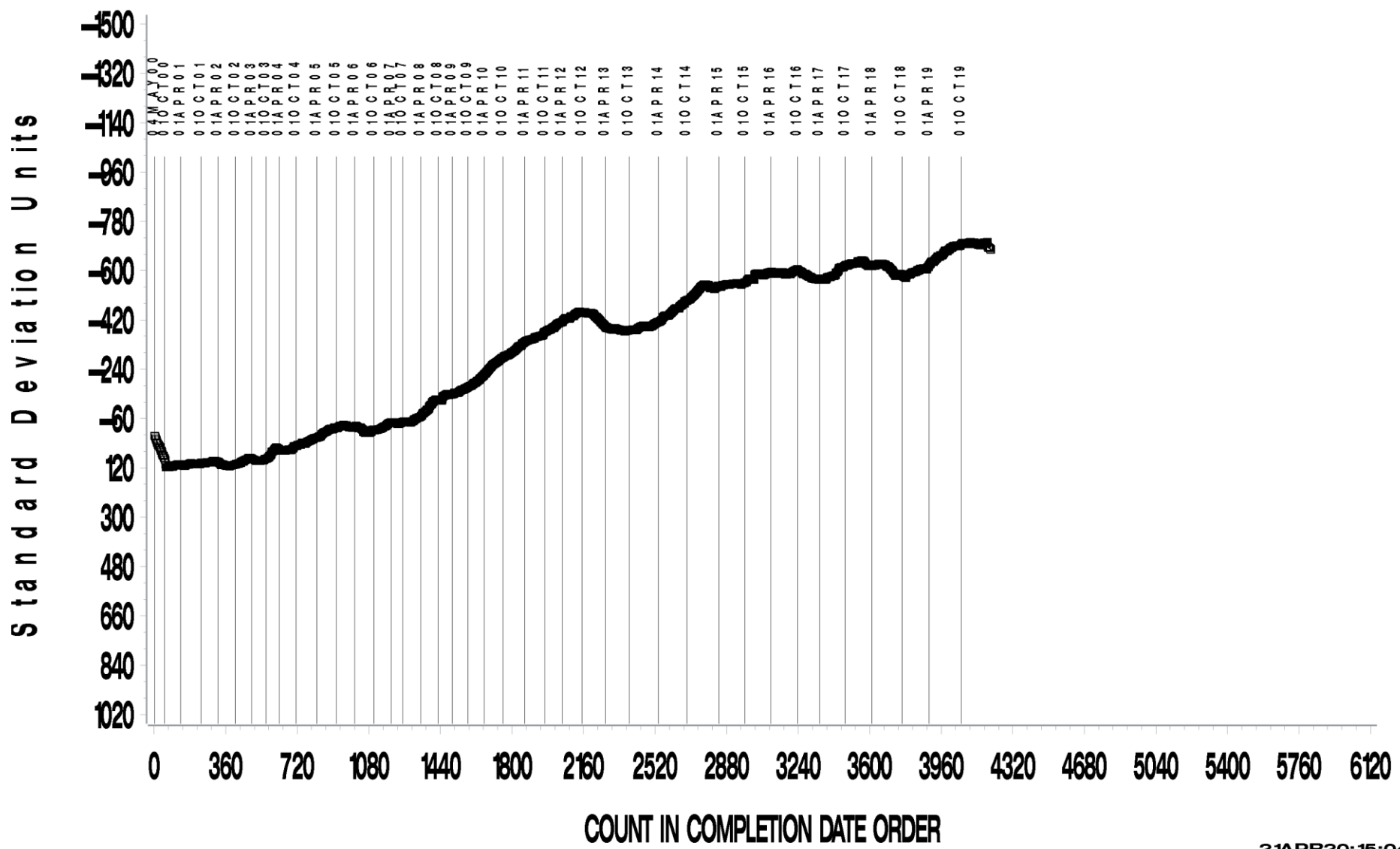
# EOFT Test Severity

- ▶ Change in flowrate is on target

20 -25 ML CHANGE IN FLOWRATE AVERAGE (%)

CUSUM Severity Analysis

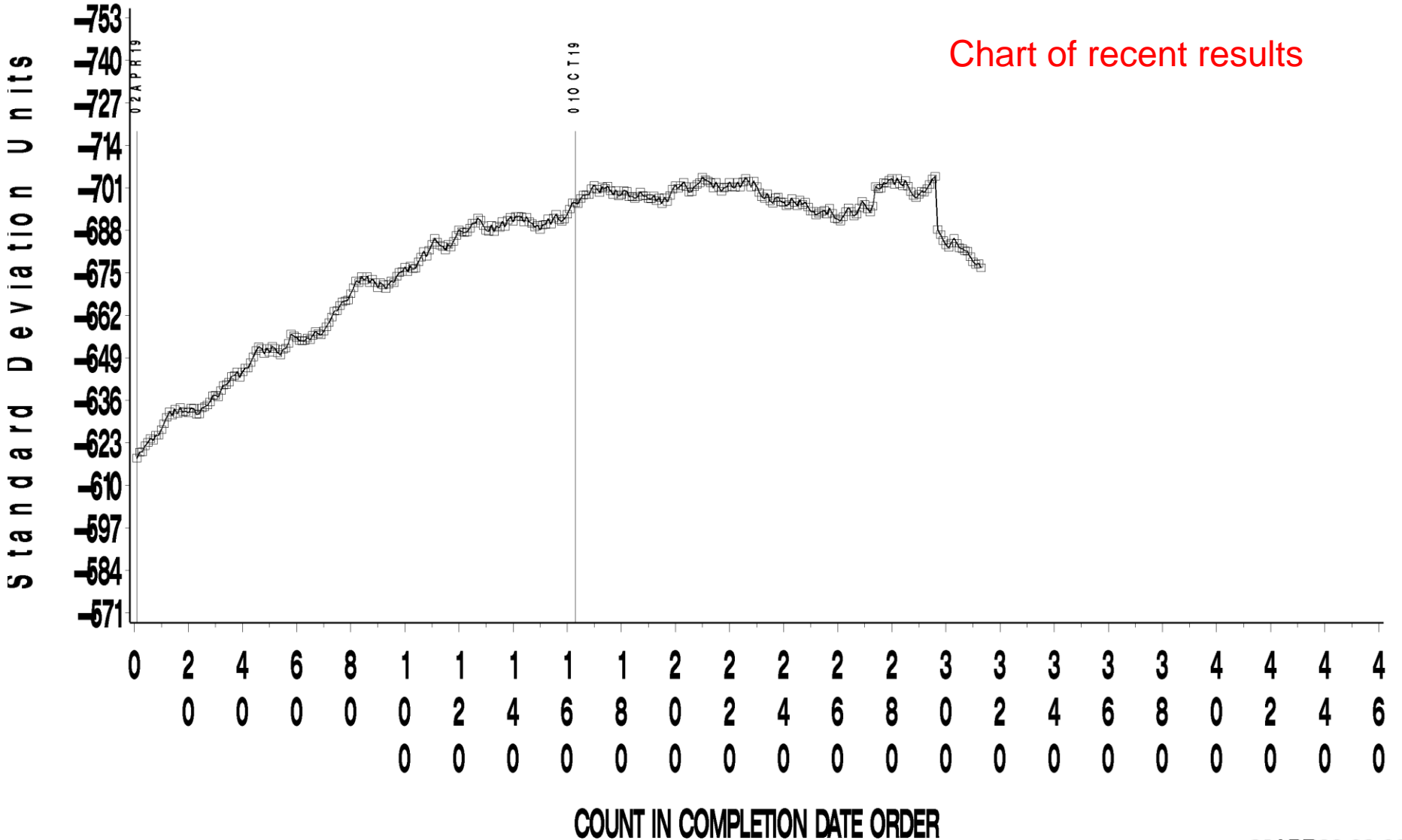
Historical Chart



20 -25 ML CHANGE IN FLOWRATE AVERAGE (%)

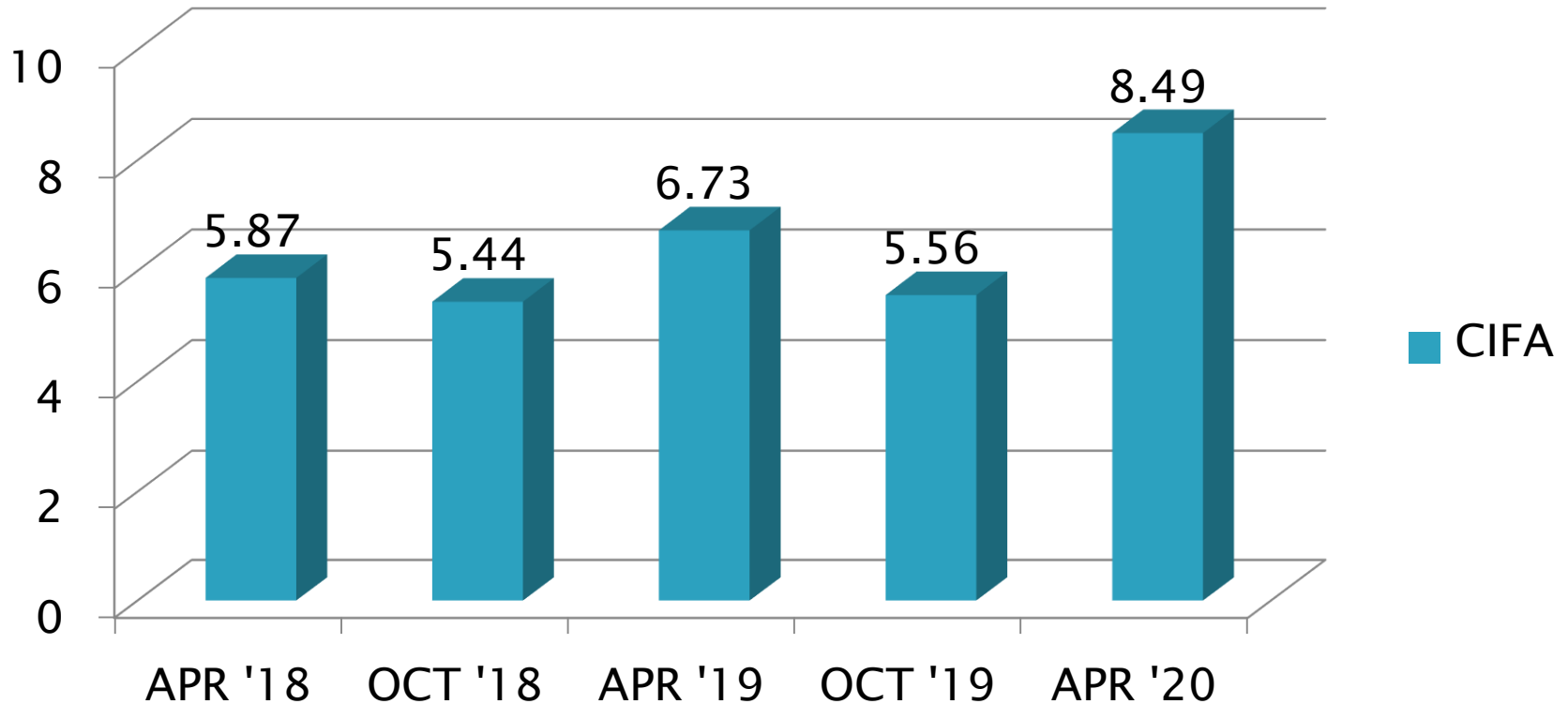
CUSUM Severity Analysis

Chart of recent results



# EOFT Precision Estimates

## CIFA





# Information Letters\*

Test	Date	IL	Topic
			No new information letters this period.

\*Available from TMC Website

# Reference Oil Inventory Estimated Life

Oil	TMC Inventory (gallons)	Quantity Shipped in last 6 months (gallons)	Lab Inventory (samples)	Estimated Life
79	468.9	66.5	247	3.5 years

# Miscellaneous Information

- ▶ Available on TMC Website:
  - Oil Assignment Request and Test File Upload
  - Live Reference Test Data Bases
  - Surveillance Panel Meeting Minutes
- ▶ [www.astmtmc.cmu.edu](http://www.astmtmc.cmu.edu)



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