

### **Test Monitoring Center**

http://astmtmc.cmu.edu

## ASTM Reference Testing Semi-Annual Report EOWT

April 2020

## EOWT Test Activity by Treat Rate\*

Test Status	Validity Code	Number of Tests by Water Treat Rate				Total
	Coue	0.6%	1.0%	2.0%	3.0%	
Acceptable Calibration Test	AC	238	241	244	239	962
Failed Calibration Test	OC	5	4	1	6	16
Total						978

\*October 1, 2019 - March 31, 2020



## EOWT Test Activity by Reference Oil\*

Test Status	Validity Code	Number by Refere	Total			
		79	77-3			
Acceptable Calibration Test	AC	482	480	962		
Failed Calibration Test	OC	9	7	16		
Total 978						

\*October 1, 2019 - March 31, 2020



# **EOWT Failed Tests**

Failed Parameter	Number of Tests				Total
raneu rarameter	0.6%	1.0%	2.0%	3.0%	ΤΟτάι
Severe Change in Flowrate	3	2	1	2	8
Mild Change in Flowrate	2	2	0	4	8
Total					16





## **EOWT Lost Tests\***

Status	Cause	Number of Tests				#
Status		0.6%	1.0%	2.0%	3.0%	π
	No lost tests this period.					

\*Invalid and aborted calibration tests

Test Monitoring Center http://astmtmc.cmu.edu



## **EOWT Test Severity**

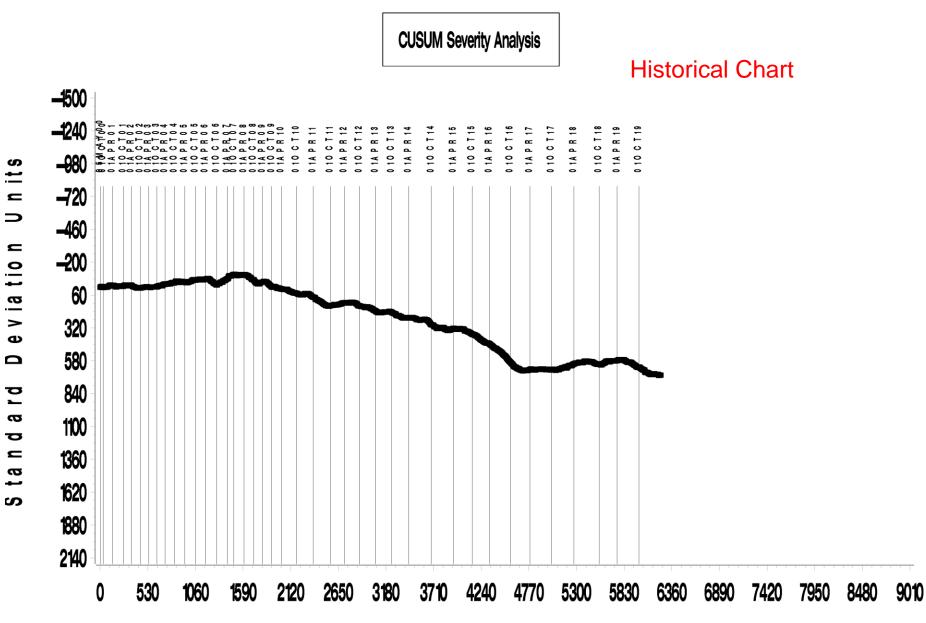
Change in flowrate is trending severe for all treat rates.





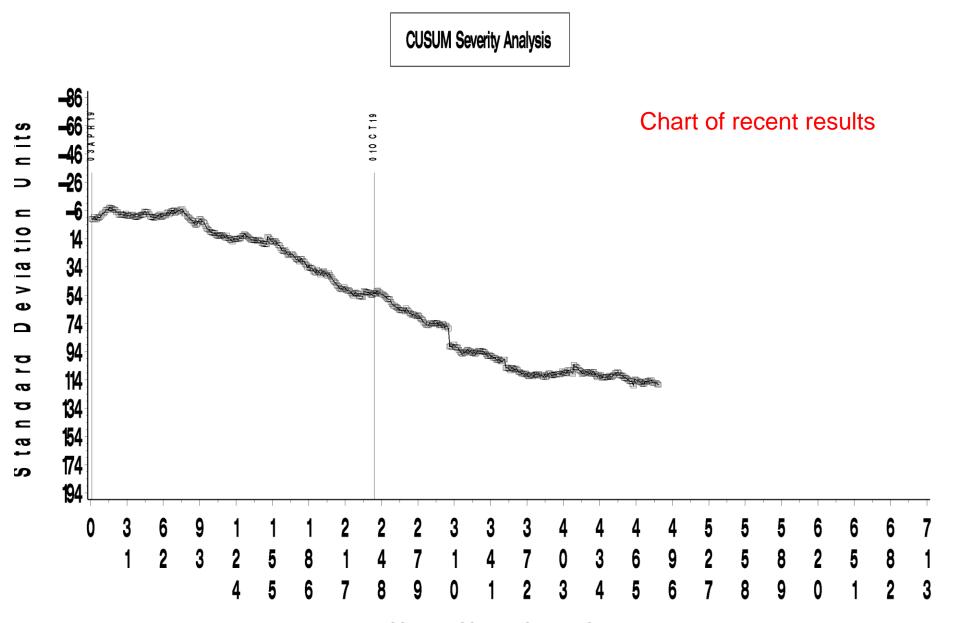
#### EOWT INDUSTRY OPERATIONALLY VALID DATA CFA 0.6% Water Treat Rate 20 — 25 ML CHANGE IN FLOWRATE AVG.



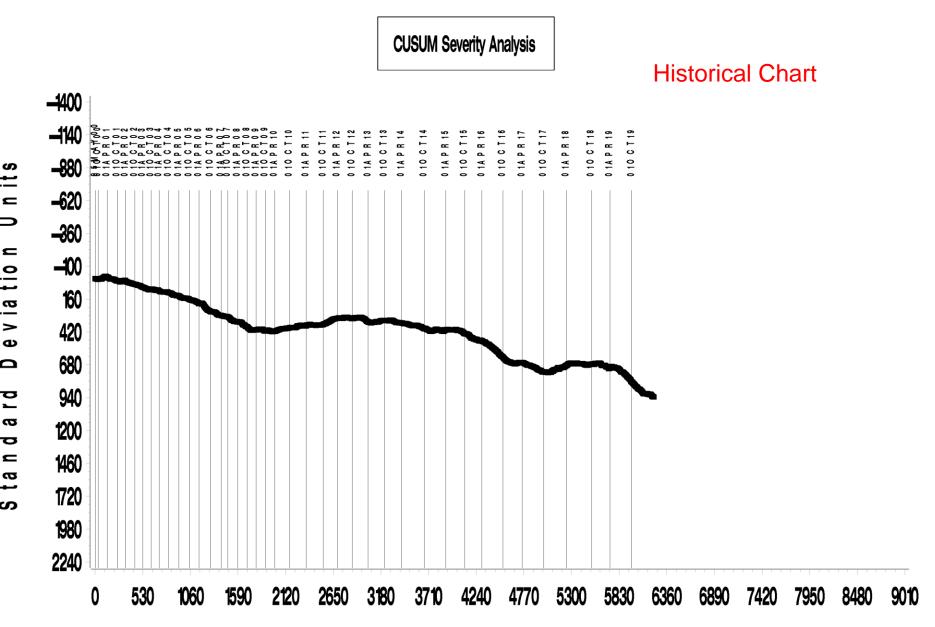


#### EOWT INDUSTRY OPERATIONALLY VALID DATA CFA 0.6% Water Treat Rate 20 — 25 ML CHANGE IN FLOWRATE AVG.



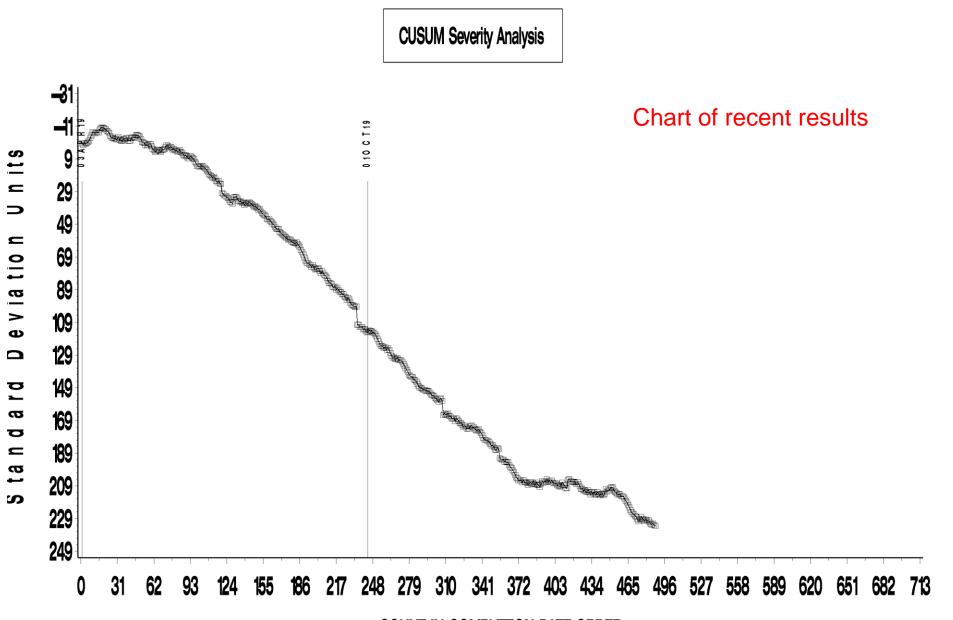


#### EOWT INDUSTRY OPERATIONALLY VALID DATA CFA 1% Water Treat Rate 20 — 25 ML CHANGE IN FLOWRATE AVG.

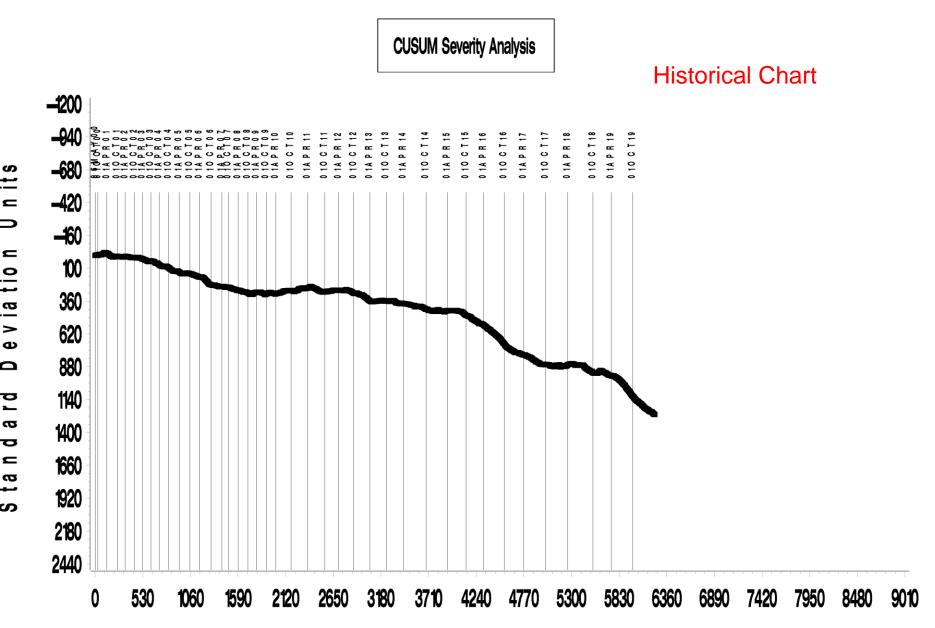


#### EOWT INDUSTRY OPERATIONALLY VALID DATA CFA 1% Water Treat Rate 20 — 25 ML CHANGE IN FLOWRATE AVG.



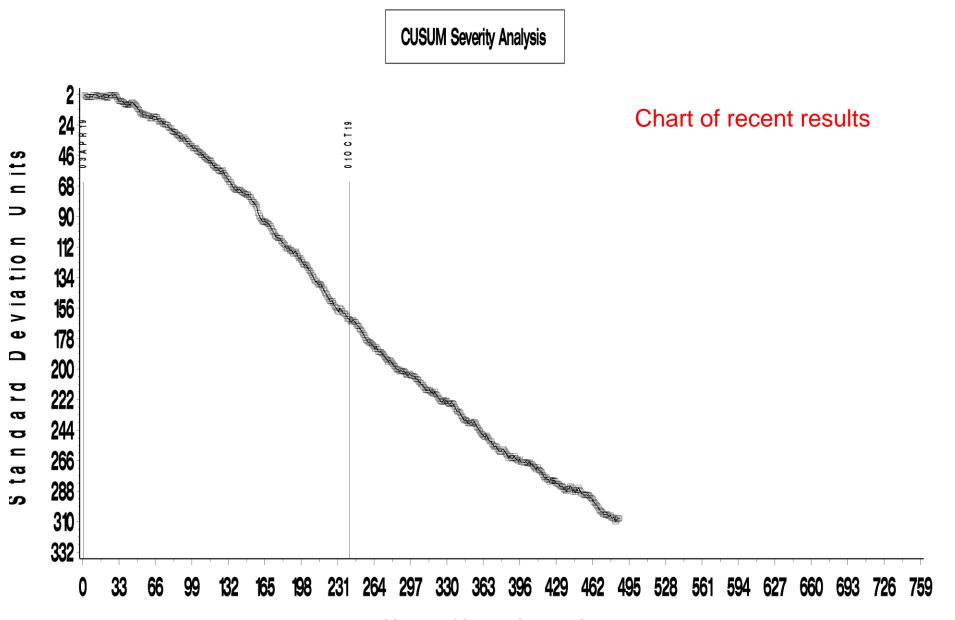


#### EOWT INDUSTRY OPERATIONALLY VALID DATA CFA 2% Water Treat RAte 20 - 25 ML CHANGE IN FLOWRATE AVG.

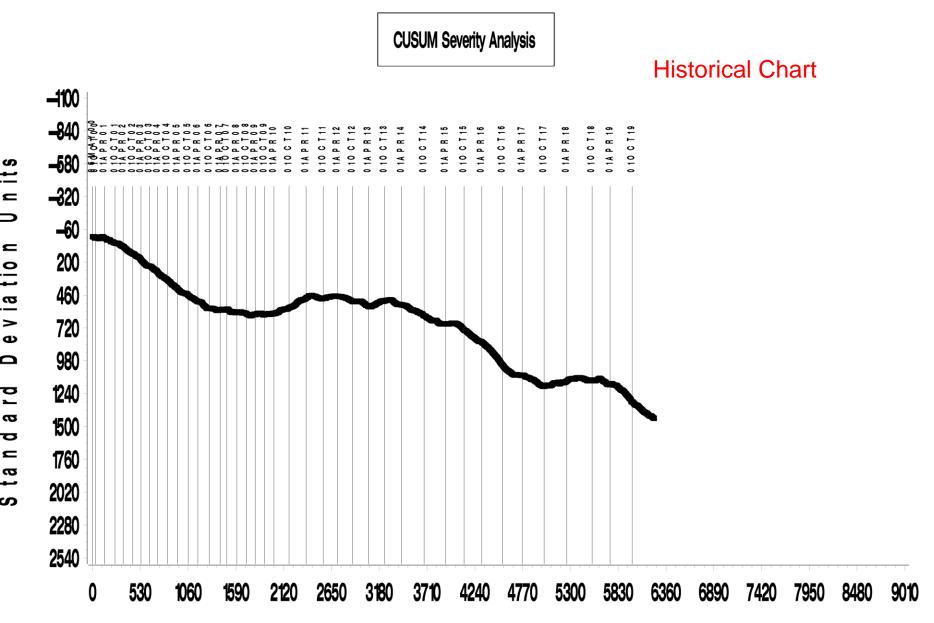


#### EOWT INDUSTRY OPERATIONALLY VALID DATA CFA 2% Water Treat Rate 20 — 25 ML CHANGE IN FLOWRATE AVG.



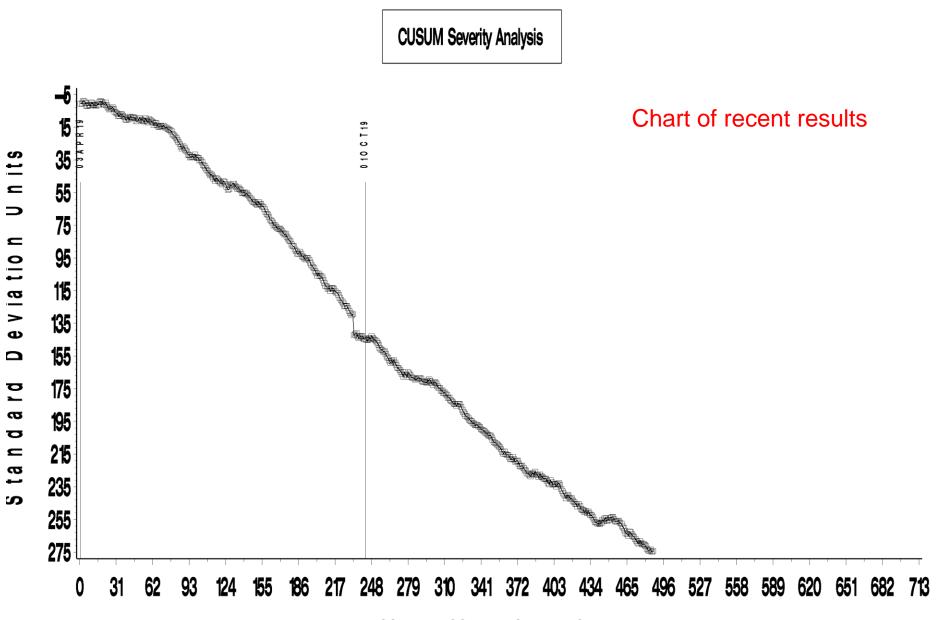


#### EOWT INDUSTRY OPERATIONALLY VALID DATA CFA 3% Water Treat Rate 20 — 25 ML CHANGE IN FLOWRATE AVG.

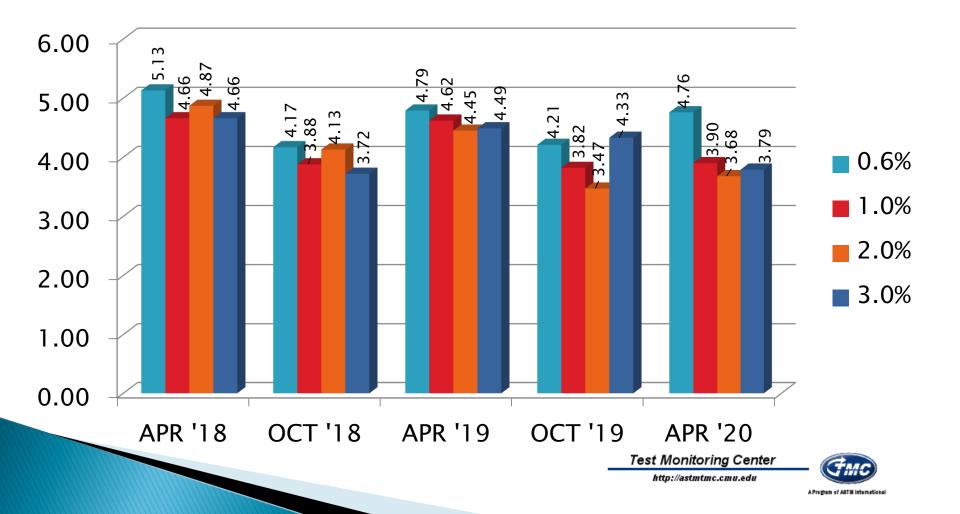


#### EOWT INDUSTRY OPERATIONALLY VALID DATA CFA 3% Water Treat Rate 20 — 25 ML CHANGE IN FLOWRATE AVG.





# EOWT Precision Estimates



## **Information Letters\***

Test	Date	IL	Торіс
EOWT	12/16/2019	19-2	Running Individual Water Treat Rates

\*Available from TMC Website

Test Monitoring Center



http://astmtmc.cmu.edu

## **Reference Oil Inventory Estimated Life**

Oil	TMC Inventory (gallons)	Quantity Shipped in last 6 months (gallons)	Lab Inventory (samples)	Estimated Life
77-3	625	47	234	5+ years
79	468	67	231	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





