

Test Monitoring Center

http://astmtmc.cmu.edu

ASTM Reference Testing Semi-Annual Report ASTM D6794 - EOWT

April 2021

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	192	188	188	186	754
Failed Calibration Test	OC	3	9	3	9	24
Aborted Calibration Test	XC	2	3	1	4	10
Total						788

• 5 labs reported data

*October 1, 2020 - March 31, 2021



EOWT Test Activity by Reference Oil*

Test Status	Validity Code		Number of Tests by Reference Oil		
		79	77-3		
Acceptable Calibration Test	AC	378	376	754	
Failed Calibration Test	OC	9	15	24	
Aborted Calibration Test	XC	4	6	10	
Total		391	397	788	

*October 1, 2020 - March 31, 2021

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EOWT Failed Tests

Failed Parameter	1	Total				
raned rarameter	0.6%	1.0%	2.0%	3.0%	TOtal	
Severe Change in Flowrate	2	7	1	7	17	
Mild Change in Flowrate	1	2	2	2	7	
Total					24	





EOWT Failed Tests by Lab

Failed Parameter		LTMS Lab				
r alleu Farailletei	А	В	G	I	L	#
Severe Change in Flowrate	10	0	5	1	1	17
Mild Change in Flowrate	0	0	6	0	1	7
Total	10	0	11	1	2	24

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EOWT Lost Tests*

Status	Cause	Number of Tests			#	
	Cause	0.6% 1.0% 2.0% 3.0%	3.0%	"		
Aborted	Sample Preparation Error	1	2	0	3	6
Invalid	Invalid Power Failure		1	1	1	4
Total						

*Invalid and aborted calibration tests

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EOWT Lost Tests by Lab

Cause		LTMS Lab				
		В	G	I	L	#
Sample Preparation Error	0	6	0	0	0	6
Power Failure	0	0	4	0	0	4
Total	0	0	0	0	0	10

*Invalid and aborted calibration tests

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EOWT Test Severity

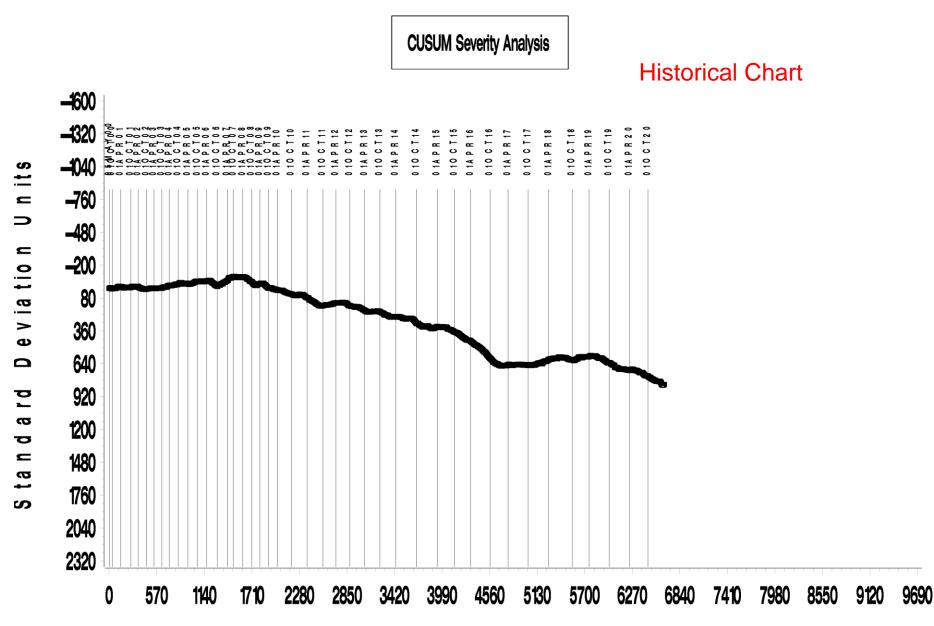
Change in flowrate is trending severe for all treat rates.





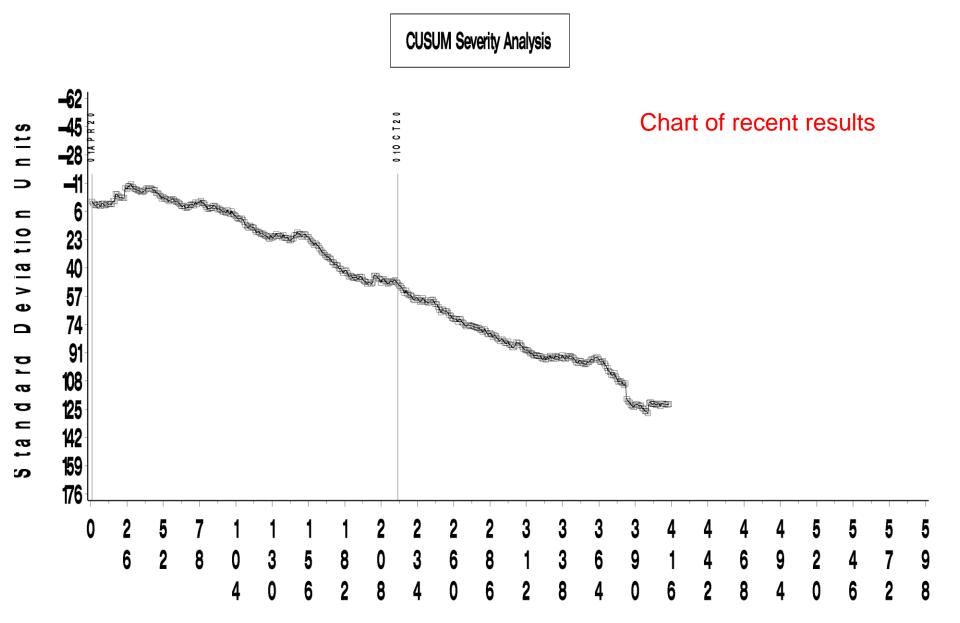
EOWT INDUSTRY OPERATIONALLY VALID DATA CFA 0.6% Water Treat Rate 20 — 25 ML CHANGE IN FLOWRATE AVG.



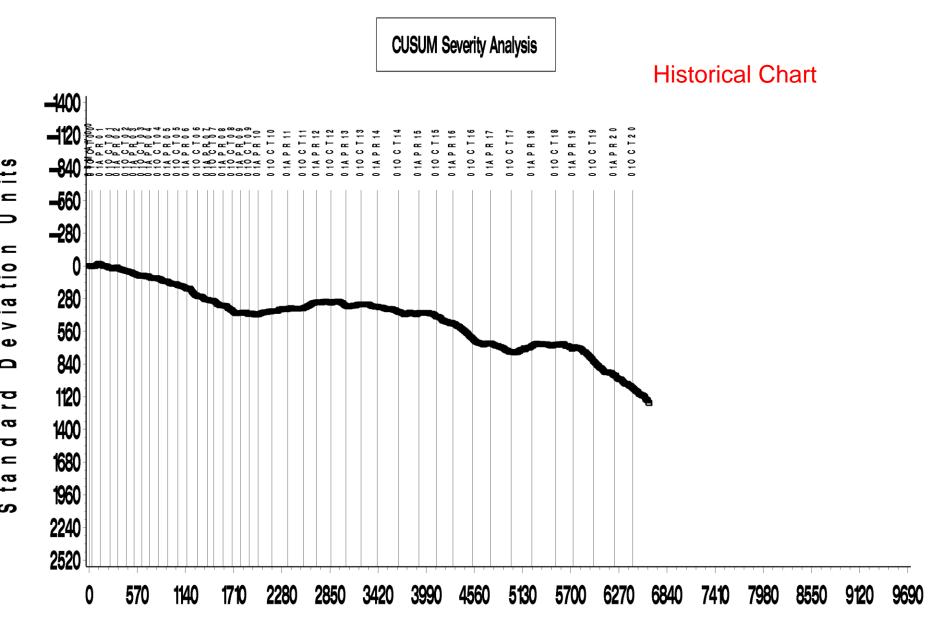


EOWT INDUSTRY OPERATIONALLY VALID DATA CFA 0.6% Water Treat Rate 20 — 25 ML CHANGE IN FLOWRATE AVG.



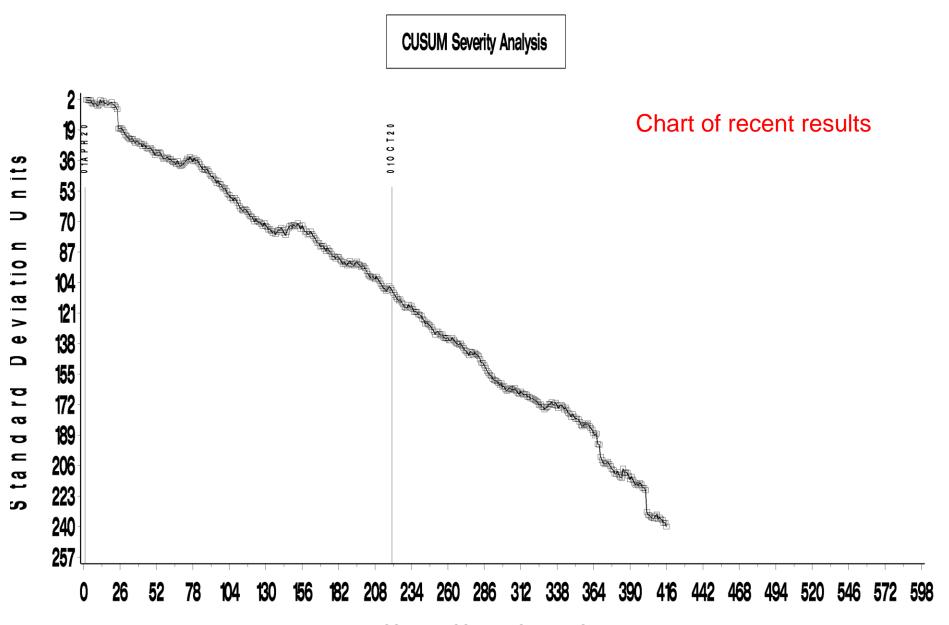


EOWT INDUSTRY OPERATIONALLY VALID DATA CFA 1% Water Treat Rate 20 - 25 ML CHANGE IN FLOWRATE AVG.

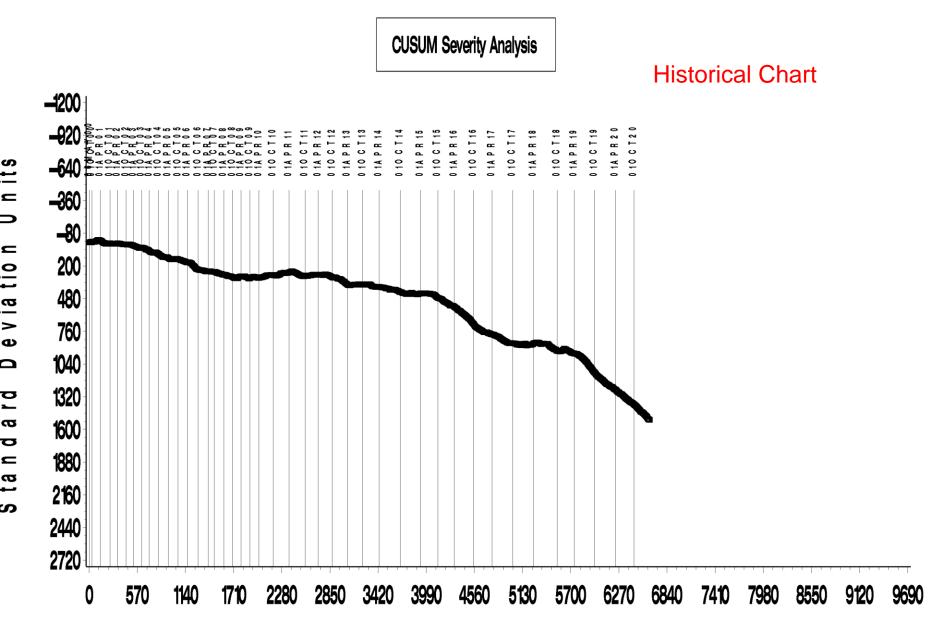


EOWT INDUSTRY OPERATIONALLY VALID DATA CFA 1% Water Treat Rate 20 — 25 ML CHANGE IN FLOWRATE AVG.



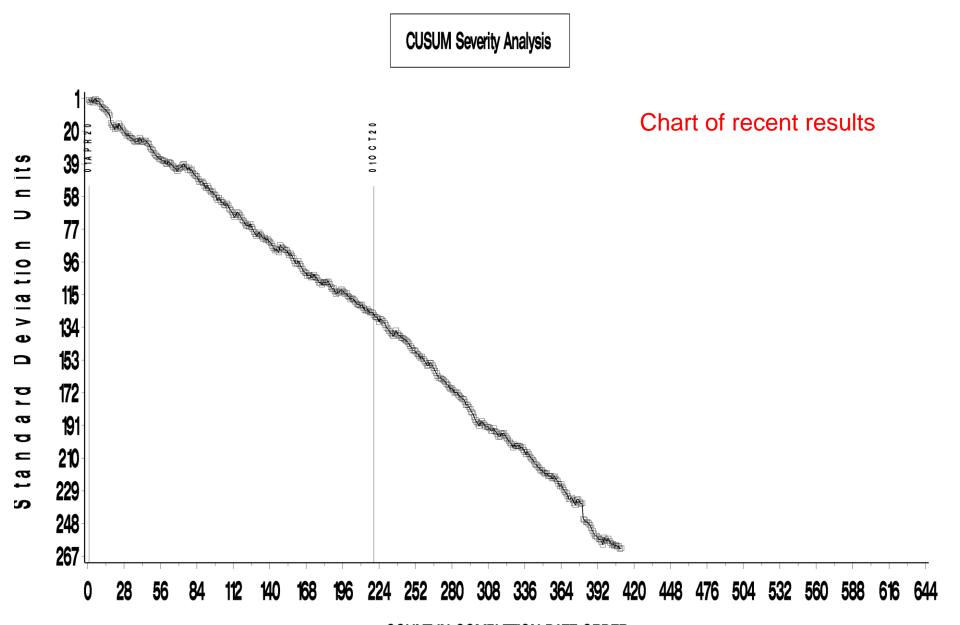


EOWT INDUSTRY OPERATIONALLY VALID DATA CFA 2% Water Treat Rate 20 — 25 ML CHANGE IN FLOWRATE AVG.

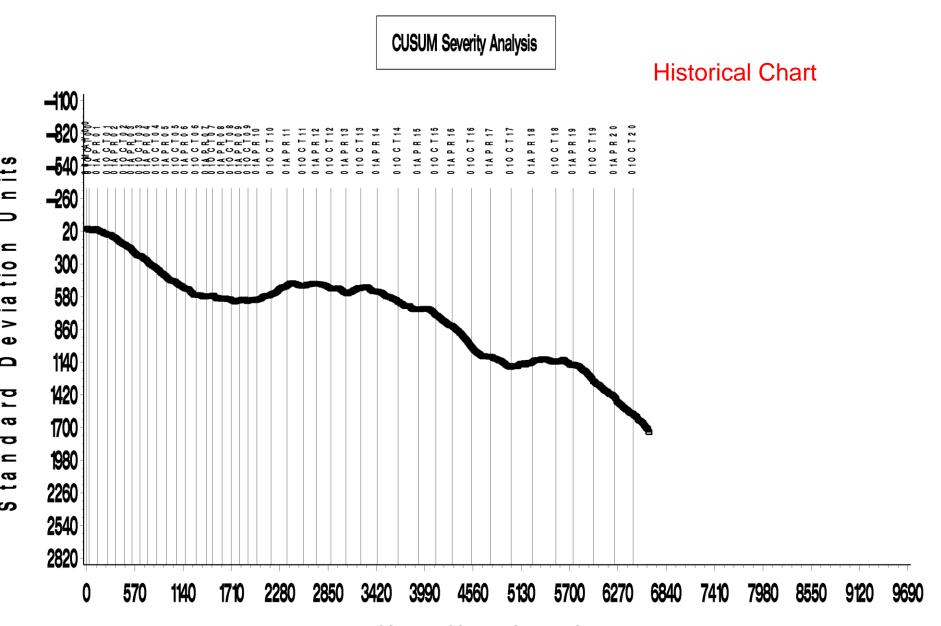


EOWT INDUSTRY OPERATIONALLY VALID DATA CFA 2% Water Treat Rate 20 — 25 ML CHANGE IN FLOWRATE AVG.



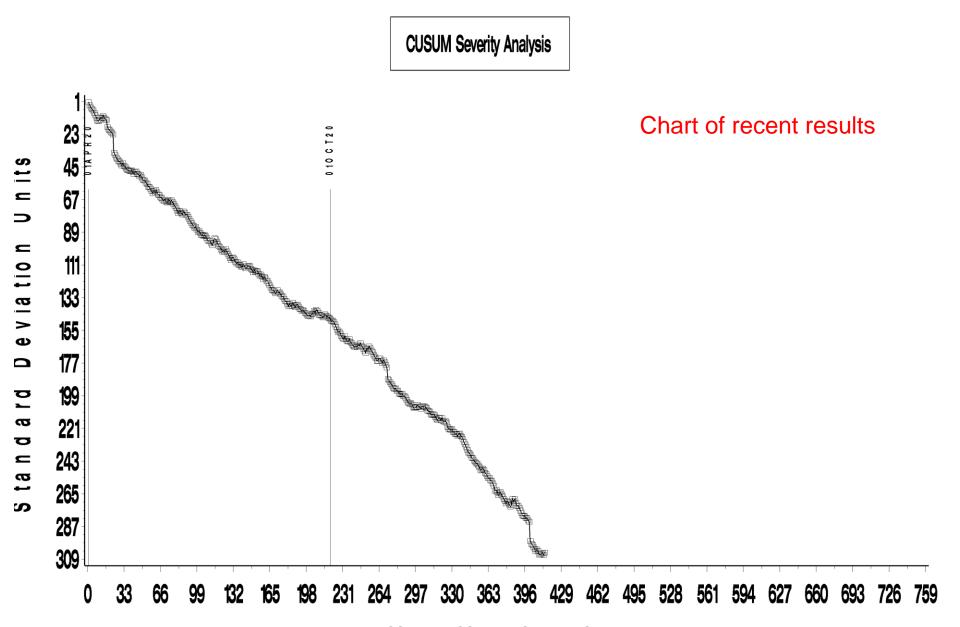


EOWT INDUSTRY OPERATIONALLY VALID DATA CFA 3% Water Treat Rate 20 - 25 ML CHANGE IN FLOWRATE AVG.



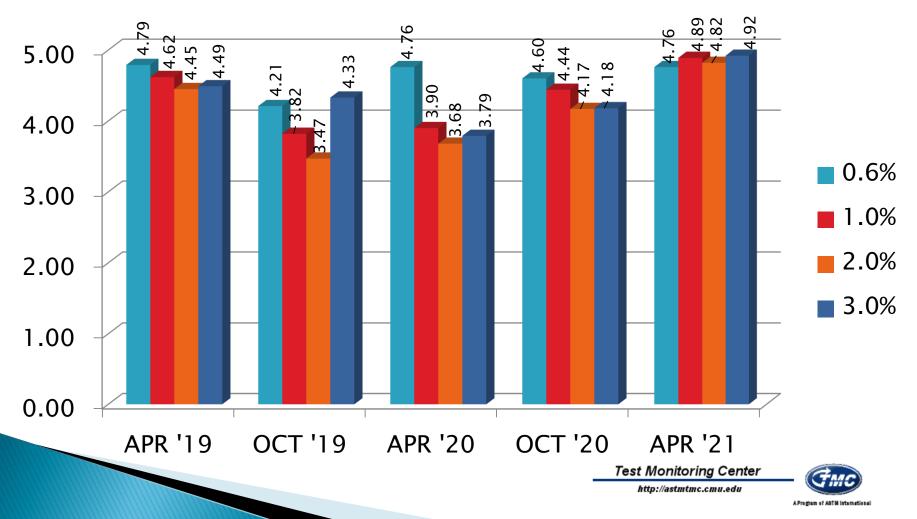
EOWT INDUSTRY OPERATIONALLY VALID DATA CFA 3% Water Treat Rate 20 — 25 ML CHANGE IN FLOWRATE AVG.





EOWT Precision Estimates

CFA



Information Letters*

Test	Date	IL	Торіс
			No new information letters this period.

*Available from TMC Website

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Reference Oil Inventory Estimated Life

Oil	TMC Inventory (gallons)	Quantity Shipped in last 6 months (gallons)	Lab Inventory (samples)	Estimated Life
77-3	568.3	36.1	196	5+ years
79	391.2	44.2	197	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





