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## GMOD Matrix Test Status

### December 2, 2015

Sixteen GMOD precision matrix oil tests have been completed and reported.

All reported data can be retrieved at: <https://dexostrc.org/Reference/LiveReference/QueryTestData>

The field COM2 will identify the test as a precision matrix test with a value of "MATRIX".

Test Length is 100 hours, ~ 5 days/test

Estimated Matrix Completion: ~Week of December 21st

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### GMOD Matrix Test Status

	Lab- Stand	IAR Stand 1 G-1	IAR Stand 2 G-2	SWRI Stand 1 A-1	SWRI Stand 2 A-2	Afton D-1	ExxonMobil F-1	Lubrizol B-1
Run Order	1	GMOD01-1 112909-GMOD ✓	434-2 108822-GMOD ✓	GMOD02-1 112925-GMOD ✓	434-2 107864-GMOD ✓	GMOD02-1 112934-GMOD ✓	434-2 112941-GMOD ✓	GMOD02-1 112939-GMOD
	2	434-2 112905-GMOD ✓	GMOD02-1 112913-GMOD Aborted Oil Loss	GMOD01-1 112921-GMOD ✓	GMOD02-1 112926-GMOD ✓	434-2 112929-GMOD ✓	GMOD01-1 112943-GMOD	GMOD01-1 112937-GMOD Completed Erratic timing, Improper NOx Sensor Placement
			GMOD02-1 112914-GMOD ✓					GMOD01-1 112938-GMOD
	3	GMOD02-1 112916-GMOD 2 <sup>nd</sup> Ring Land Damage	GMOD01-1 112910-GMOD ✓	434-2 112917-GMOD ✓	GMOD01-1 112922-GMOD	GMOD01-1 112931-GMOD	GMOD02-1	434-2
		GMOD01-1* 112911-GMOD						
	4	GMOD02-1*	GMOD01-1	434-2	GMOD02-1	GMOD01-1	434-2	GMOD01-1
	5	434-2	GMOD02-1	GMOD02-1	434-2	GMOD02-1	GMOD01-1	434-2
6	GMOD02-1	434-2	GMOD01-1	GMOD01-1	434-2	GMOD02-1	GMOD02-1	

✓ Indicates operation task force has reviewed operational data and found the test to be operationally valid.

\* Run Order Changed

Test Reported

Invalid



Oil	TestKey	Lab	Stand	EOT Vis Increase (%)	WPD (merits)	Phos. Retention (%)	MRV	Comment
434-2	108822-GMOD	G	2	56.7	7.04	74.37	25700	
	107864-GMOD	A	2	95.1	6.70	71.03	N/A	
	112941-GMOD	F	1	73.1	7.09	75.19	N/A	
	112905-GMOD	G	1	89.5	6.96	75.13	N/A	
	112929-GMOD	D	1	84.8	7.42	N/A	N/A	
	112917-GMOD	A	1	148.9	6.88	73.26	N/A	
GMOD01-1	112909-GMOD	G	1	78.5	5.98	81.82	22800	
	112921-GMOD	A	1	76.8	6.84	79.94	N/A	
	112943-GMOD	F	1	76.8	6.43	81.56	N/A	
	112922-GMOD	A	2	67.6	7.07	78.24	N/A	
	112910-GMOD	G	2	58.1	6.95	N/A	N/A	
	112937-GMOD	B	1	87.4	6.78	84.7	N/A	Invalid-Eratic Timing
GMOD02-1	112925-GMOD	A	1	73.8	5.79	77.08	14400	
	112934-GMOD	D	1	52.9	7.04	83.08	N/A	
	112939-GMOD	B	1	55.8	6.19	79.75	N/A	
	112926-GMOD	A	2	45.4	6.61	80.18	N/A	
	112914-GMOD	G	2	58.2	5.62	82.98	N/A	
	112916-GMOD	G	1	79.1	6.32	83.18	59200	Invalid- 2 <sup>nd</sup> Ring Land Damage

If there are any questions please let me know.

Best regards,  
Frank

Frank Farber  
<ftp://ftp.dexostrc.org/reference/docs/GMOD/MatrixStatusReports/>