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## GMOD Matrix Test Status

### February 3, 2016

Thirty-nine of 42 GMOD precision matrix oil tests have been completed and reported. Labs are encouraged to report MRV results as soon as possible.

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 February 8th

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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 Erratic timing
			GMOD01-1 ✓ 112914-GMOD					GMOD01-1 112938-GMOD Exhaust Leak
	3	GMOD02-1 112916-GMOD 2 <sup>nd</sup> Ring Land Damage GMOD01-1* 112911-GMOD✓	GMOD01-1 112910-GMOD ✓	434-2 112917-GMOD ✓	GMOD01-1 112922-GMOD ✓	GMOD01-1 112931-GMOD ✓	GMOD02-1 112945-GMOD	434-2✓ 112935-GMOD
	4	GMOD02-1*✓ 112915-GMOD	GMOD01-1✓ 112912-GMOD	434-2✓ 108827-GMOD	GMOD02-1 112927-GMOD Coolant Leak	GMOD01-1✓ 112932-GMOD	434-2✓ 112942-GMOD	GMOD01-1✓ 114382-GMOD
	5	434-2✓ 112907-GMOD	GMOD02-1✓ 114272-GMOD	GMOD02-1✓ 112928-GMOD	434-2✓ 112918-GMOD			
GMOD02-1 ✓ 114384-GMOD						GMOD02-1 ✓ 114579-GMOD		
6	GMOD02-1 114273-GMOD Oil Pump Failure GMOD02-1✓ 114384-GMOD	434-2 112906-GMOD Invalid Downtime 434-2✓ 112971-GMOD	GMOD01-1✓ 112923-GMOD	GMOD01-1 112924-GMOD Oil Temp. Control	434-2 112930-GMOD	GMOD02-1	GMOD02-1✓ 112940-GMOD	
				GMOD01-1 114386-GMOD				

✓ Indicates GM and TMC 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	7.35	75.19	32500	
	112905-GMOD	G	1	89.5	6.96	75.13	43400	
	112929-GMOD	D	1	84.8	7.42	75.12	34700	
	112917-GMOD	A	1	148.9	6.88	73.26	N/A	
	108827-GMOD	A	1	82.9	7.43	68.85	N/A	
	112907-GMOD	G	1	82.2	6.76	75.15	39800	
	112942-GMOD	F	1	40.1	7.54	74.53	25200	
	112935-GMOD	B	1	105.7	5.97	74.13	115000	
	112971-GMOD	G	2	64.0	7.46	75.60	30200	
	112918-GMOD	A	2	72.8	6.36	74.16	N/A	
	112936-GMOD	B	1	116.4	6.80	73.02	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	6.74	81.56	24800	
	112922-GMOD	A	2	67.6	7.07	78.24	N/A	
	112910-GMOD	G	2	58.1	6.95	83.35	16400	
	112937-GMOD	B	1	87.4	6.78	84.7	NM	Invalid-Erratic Timing
	112912-GMOD	G	2	65.8	5.76	85.61	17900	
	112938-GMOD	B	1	73.5	6.30	79.31	N/A	Exhaust leak
	112911-GMOD	G	1	76.8	6.38	84.10	22700	
	112931-GMOD	D	1	79.8	7.22	81.48	20400	
	112932-GMOD	D	1	95.2	7.11	82.19	N/A	
	114025-GMOD	B	1	67.0	6.76	85.44	45500	
	112923-GMOD	A	1	102.0	6.07	77.60	N/A	
	114382-GMOD	B	1	91.0	7.22	76.38	NM	
112944-GMOD	F	1	54.8	6.64	87.05	19100		
GMOD02-1	112925-GMOD	A	1	73.8	5.79	77.08	14400	
	112934-GMOD	D	1	52.9	7.04	83.08	13600	
	112939-GMOD	B	1	55.8	6.19	79.75	NM	
	112926-GMOD	A	2	45.4	6.61	80.18	N/A	
	112914-GMOD	G	2	58.2	5.62	82.98	43700	
	112916-GMOD	G	1	79.1	6.32	83.18	59200	Invalid- 2 <sup>nd</sup> Ring Land Damage
	112945-GMOD	F	1	33.4	6.25	84.83	32500	
	112915-GMOD	G	1	74.3	5.76	85.31	64800	
	114272-GMOD	G	2	38.8	5.60	84.20	39900	
	112928-GMOD	A	1	62.2	5.89	79.67	N/A	
	114387-GMOD	A	2	43.8	6.63	80.01	N/A	
	114384-GMOD	G	1	67.1	6.40	82.64	54000	
	114579-GMOD	D	1	65.0	6.80	82.17	17200	
112940-GMOD	B	1	174.6	5.22	89.85	N/A		

If there are any questions please let me know.

Best regards,  
Frank

Frank Farber

<ftp://ftp.dexostrc.org/reference/docs/GMOD/MatrixStatusReports/20160203GMODMatrixTestStatus.pdf>