

VIE/VID Equivalency Survey

9/20/2017

All tests have been run and reported to the TMC.

All reported data is posted at:

<http://www.astmtmc.cmu.edu/ftp/refdata/gas/VIE/data/ltms.csv>

The field COM3 will identify the test as a matrix test with a value of "VID/VIE=".

If there are any questions please let me know.

Best regards,
Frank

Frank Farber

<http://www.astmtmc.cmu.edu/ftp/docs/gas/GF6matrix/StatusReports/VIE/20170920VIDVIEMatrixTestStatus.pdf>

Lab	IAR			SwRI		
LTMSAPP/Stand	G1/51	G5/53	G7/64	A10/25	A11/72	A9/62
Phase 1	Pass on any VIE Reference Oil	Pass on any VIE Reference Oil	Pass on any VIE Reference Oil	Pass on any VIE Reference Oil	Pass on any VIE Reference Oil	Pass on any VIE Reference Oil
	0W-20A 126998-VIE	5W-30B 127002-VIE	10W-30C 127006-VIE	5W-20C 127009-VIE	5W-30A 127010-VIE	10W-30B 127014-VIE
	5W-20B 126999-VIE	5W-30C 127003-VIE	10W-30A 127004-VIE	0W-20A 127007-VIE	5W-30B 127011-VIE	10W-30C 127015-VIE
	5W-20C 12700-VIE	5W-30A 127001-VIE	10W-30B 127005-VIE	5W-20B 127008-VIE	5W-30C 127012-VIE	10W-30A 127013-VIE
Phase 2	Pass on any VIE Reference Oil		Pass on any VIE Reference Oil	Pass on any VIE Reference Oil		Pass on any VIE Reference Oil
	10W-30A 129621-VIE		0W-20A 129622-VIE	0W-20A 129625-VIE		10W-30A 129628-VIE
			5W-20C ¹ 129623-VIE	5W-20C ¹ 129626-VIE		
			5W-30A 129624-VIE	5W-30A 129627-VIE		

¹ Funded outside of MOA

Test Reported

Invalid

VIE/VID Equivalency Matrix

IND	Testkey	Lab/Stand	Stand/Engine SA Adjusted			Oil Cons., ml	Engine Hours	Comment
			FEI1	FEI2	FEISUM			
0W-20A	126998-VIE	G1	1.83	1.81	3.64	700	760	
	127007-VIE	A10	1.81	1.77	3.58	800	763	
	129625-VIE	A10	1.62	1.63	3.25	1000	572	
	129622-VIE	G7	1.78	1.60	3.38	650	562	
5W-20B	126999-VIE	G1	2.13	1.77	3.90	600	562	
	127008-VIE	A10	2.33	1.63	3.96	966	400	
5W-20C	127000-VIE	G1	1.75	2.01	3.76	1000	962	
	127009-VIE	A10	1.50	1.57	3.07	700	563	
	129623-VIE	G7	1.78	1.52	3.30	1000	760	
	129626-VIE	A10	1.84	1.68	3.52	1100	773	
5W-30A	127001-VIE	G5	1.32	1.10	2.42	1600	751	
	127010-VIE	A11	1.47	1.21	2.68	600	598	
	129624-VIE	G7	1.54	1.50	3.04	1100	960	
	129627-VIE	A10	1.33	1.41	2.74	1500	973	
5W-30B	127002-VIE	G5	2.28	1.68	3.96	900	554	
	127011-VIE	A11	2.28	1.44	3.72	600	799	
5W-30C	127003-VIE	G5	1.40	1.25	2.65	1400	969	
	127012-VIE	A11	2.01	1.21	3.22	600	1021	
10W-30A	127004-VIE	G7	1.21	1.03	2.24	1100	762	
	120713-VIE	A9	1.40	1.12	2.52	1000	1000	
	129621-VIE	G1	1.10	0.86	1.96	1000	563	
	129628-VIE	A9	1.71	1.29	3.00	600	766	
10W-30B	127005-VIE	G7	1.80	1.27	3.07	1000	564	
	127014-VIE	A9	2.21	1.21	3.42	1000	575	
10W-30C	127006-VIE	G7	1.39	1.19	2.58	1200	965	
	127015-VIE	A9	1.77	1.33	3.10	800	755	