

IIIH/IIIF Correlation Matrix Test Status October 10, 2016

Intertek has completed and reported two tests. Intertek's test on 1006-2 was stopped at 79 hours due to a loss in oil temperature control because of oil thickening. SwRI has had calibration issues since switching to the Batch Code 3 IIIH pistons and is concerned that using the Batch Code 3 pistons for the IIIH/IIIF correlation matrix could potentially skew the results. Testing at SwRI is on hold until the Batch Code 3 pistons can be evaluated further. The surveillance panel is currently investigating potential differences between BC2 and BC3 pistons. As data is reported and reviewed by the Test Monitoring Center (TMC) it will be posted to the TMC website at <ftp://ftp.astmtmc.cmu.edu/refdata/gas/IIIH/data/ltms.csv>

The field COM1 will identify the test with a value of "IIIFIIH".

Run Order	Calibrated IIIH Stands	
	Intertek	Southwest
1	433-2 1220225-IIIH	433-2
2	1006-2 120224-IIIH	1006-2

Test Reported

Estimated matrix completion =November 4th

Testkey	Lab/ Stand	Date Completed	Oil	Viscosity Increase (%)					WPD (merits)	Average Piston Skirt Varnish (merits)	Phos. Retention (%)	MRV	Piston Batch	Comment
				20	40	60	80	EOT						
120225-IIIH	G2	20160923	433-2	-0.38	6.22	11.36	34.24	72.2	4.08	9.44	79.35	95,800 @-30°C	3	
120224-IIIH	G2	20160928	1006-2	12.76	40.00	180.51	N/A	952.3	2.01	7.31	75.33	N/A	3	Aborted @ 79 hrs.