

MACK T-10
AL 805 EGR RATIO MEASUREMENT

Run No.: 805-8
oil code CMIR 38952
MIDAS NO. 00-74531

SOT: 4/7/01
EOT: 4/19/01
Test Hours: 300HRS

TEST HOUR	CO2% (A)	CO2% (B)	EGR RATIO	NOX-PPM	TEST HOUR	CO2% (A)	CO2% (B)	EGR RATIO	NOX-PPM	
	Pre-Converter	Intake Manifold	(B÷A X 100)	Pre-Converter		Pre-Converter	Intake Manifold	(B÷A X 100)	Pre-Converter	
PHASE I					PHASE II					
1	9.28	1.42	15.3		152	11.02	0.2	1.81	1500	
4	9.32	1.44	15.45		156	10.98	0.26	2.37		
8	9.3	1.41	15.19		160	10.96	0.24	2.19		
12	9.28	1.44	15.48		164	10.96	0.24	2.19		
16	9.4	1.43	15.4		168	10.96	0.24	2.19		
20	9.4	1.45	15.42		172	10.96	0.24	2.19		
24	9.4	1.5	15.95		176	11.02	0.24	2.18	1400	
28	9.4	1.5	15.95		180	11	0.26	2.36		
32	9.28	1.43	15.4		184	10.98	0.24	2.19		
36	9.22	1.48	16.05		188	11.04	0.26	2.36		
40	9.38	1.48	15.78		192	11.1	0.24	2.16		
44	9.38	1.48	15.78		196	11.06	0.22	1.99		
48	9.36	1.48	15.81		200	11.02	0.24	2.18	1400	
52	9.4	1.46	15.5		204	11.04	0.24	2.17		
56	9.36	1.46	15.59		208	11.02	0.24	2.18		
60	9.32	1.46	15.67		212	11.1	0.26	2.34		
64	9.36	1.46	15.59		216	11.08	0.24	2.17		
68	9.36	1.46	15.59		220	11.02	0.24	2.18		
72	9.4	1.5	15.95		224	11.04	0.26	2.35	1300	
PHASE II					228	11.04	0.28	2.53		
76	11.04	0.26	2.35		232	11.02	0.26	2.35		
80	11.02	0.22	1.99		1500	236	11.08	0.26	2.35	
84	11.04	0.26	2.35		240	11.02	0.24	2.18		
88	11.04	0.24	2.17		244	11	0.26	2.36		
92	10.98	0.22	2	248	11.02	0.28	2.54	1400		
96	11	0.26	2.36	252	11	0.26	2.37			
100	11.02	0.26	2.36	256	11.02	0.26	2.36			
104	11.12	0.22	1.98	1550	260	11.02	0.26	2.36		
108	11.2	0.2	1.79	264	11.02	0.24	2.18			
112	11.18	0.22	1.97	268	10.94	0.22	2.01			
116	11.16	0.22	1.97	272	11.08	0.28	2.52	1250		
120	11.22	0.24	2.14	276	11.04	0.28	2.54			
124	11	0.26	2.36	280	11.08	0.28	2.53			
128	10.96	0.26	2.37	1500	284	11.04	0.28	2.54		
132	10.96	0.26	2.37	288	11.1	0.28	2.52			
136	10.96	0.26	2.37	292	11.06	0.28	2.53			
140	10.88	0.22	2.02	296	11.06	0.26	2.35	1350		
144	10.92	0.22	2.01	300	11.06	0.28	2.53			
148	10.96	0.22	2.01							

Statistics

	EGR Aver.	EGR SD	NOx Aver.	NOx SD
Phase I	15.62	0.25	N/A	N/A
Phase II	2.25	0.19	1415	97