

Red Engine Performance for Month :

Jan-05

	SrNo	Performance parameters	Master	Testcell1	Testcell2	Testcell3	Testcell4				
Rated Speed	1	Corrected Power (kW)	42	43.29	3.0%	42.79	1.9%	41.49	-1.2%	40.27	-4.3%
	2	CorrectedTORQUE (Nm)	167.6	172.2	2.7%	170.3	1.6%	165.1	-1.5%	160.2	-4.6%
	3	Fuel Consumption (kg/Hr)	9.70	9.53	-1.8%	9.49	-2.2%	9.64	-0.6%	9.44	-2.8%
	4	Smoke (Rb)	1.8	1.9	1.0%	1.9	1.0%	1.9	1.0%	1.9	1.0%
	5	Ditime (deg)	18.25	18.32	0.4%	18.13	-0.7%	17.78	-2.6%	18.15	-0.6%
	6	Blow by (lpm)	9	15.00		15.00		14.00		14.00	
Peak Torque Speed	7	Torque at 1500 rpm (Nm)	190.6	197.07	3.3%	196.92	3.2%	189.35	-0.7%	185.39	-2.8%
	8	Fuel Consumption (kg/Hr)	6.70	6.91	3.0%	6.67	-0.5%	6.66	-0.6%	6.75	0.8%
	9	Smoke (Rb)		0.00		0.00		0.00		0.00	
	10	Ditime (deg)		21.06		21.03		20.63		21.23	
	11	Blow by (lpm)		19.00		19.00		19.00		19.00	