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## LAMPIRAN

### TABEL PERHITUNGAN PERFORMA MESIN

B30 Murni											
Rasio Kompresi	Beban (kg)	Putaran (rpm)	Torsi (Nm)	BP (Kw)	FC (kg/h)	SFC (kg/kW.h)	Ma (kg/h)	Mth (kg/h)	AFR	$\eta_{vo}$ (%)	$\eta_{th}$ (%)
Rasio 14	9	1454	16.66	2.54	1.09	0.43	22.4133	33.7344	20.5408	66.440488	23.98827
Rasio 18	9	1449	16.45	2.49	0.94	0.37	22.281	33.6184	23.8228	66.276206	27.5321

  

Ozon 30 menit											
Rasio Kompresi	Beban (kg)	Putaran (rpm)	Torsi (Nm)	BP (Kw)	FC (kg/h)	SFC (kg/kW.h)	Ma (kg/h)	Mth (kg/h)	AFR	$\eta_{vo}$ (%)	$\eta_{th}$ (%)
Rasio 14	9	1430	16.42	2.46	1.04	0.42	22.212158	33.177573	21.374286	66.949315	21.233947
Rasio 18	9	1456	16.45	2.51	0.88	0.35	22.363746	33.780802	25.31783	66.202532	25.481788

  

Ozon 1 jam											
Rasio Kompresi	Beban (kg)	Putaran (rpm)	Torsi (Nm)	BP (Kw)	FC (kg/h)	SFC (kg/kW.h)	Ma (kg/h)	Mth (kg/h)	AFR	$\eta_{vo}$ (%)	$\eta_{th}$ (%)
Rasio 14	9	1435	16.43	2.47	1.09	0.44	22.219287	33.293579	20.386537	66.737454	22.850002
Rasio 18	9	1456	16.62	2.53	0.83	0.33	22.415618	33.780802	26.993759	66.356086	30.781409

  

Ozon 2 jam											
Rasio Kompresi	Beban (kg)	Putaran (rpm)	Torsi (Nm)	BP (Kw)	FC (kg/h)	SFC (kg/kW.h)	Ma (kg/h)	Mth (kg/h)	AFR	$\eta_{vo}$ (%)	$\eta_{th}$ (%)
Rasio 14	9	1438	16.64	2.50	1.14	0.46	22.749901	33.363182	19.924594	68.188643	21.86177
Rasio 18	9	1454	16.81	2.56	0.88	0.34	23.77563	33.734399	26.947331	70.478891	28.898746

  

Ozon 0 mg											
Rasio Kompresi	Beban (kg)	Putaran (rpm)	Torsi (Nm)	BP (Kw)	FC (kg/h)	SFC (kg/kW.h)	Ma (kg/h)	Mth (kg/h)	AFR	$\eta_{vo}$ (%)	$\eta_{th}$ (%)
Rasio 14	9	1448	16.25	2.4628067	0.98382	0.3994711	22.985371	33.600275	23.36339	68.408281	24.746456
Rasio 18	9	1451	16.62	2.5241016	0.82848	0.3282277	23.252532	33.669889	28.066497	69.060316	30.117792

  

Ozon 3 mg											
Rasio Kompresi	Beban (kg)	Putaran (rpm)	Torsi (Nm)	BP (Kw)	FC (kg/h)	SFC (kg/kW.h)	Ma (kg/h)	Mth (kg/h)	AFR	$\eta_{vo}$ (%)	$\eta_{th}$ (%)
Rasio 14	9	1449	16.46	2.4963565	0.88026	0.3526179	23.166099	33.62348	26.317337	68.898577	28.034575
Rasio 18	9	1448	16.82	2.5491943	0.7767	0.3046845	27.216837	33.600275	35.041634	81.001827	32.445015

  

Ozon 12 mg											
Rasio Kompresi	Beban (kg)	Putaran (rpm)	Torsi (Nm)	BP (Kw)	FC (kg/h)	SFC (kg/kW.h)	Ma (kg/h)	Mth (kg/h)	AFR	$\eta_{vo}$ (%)	$\eta_{th}$ (%)
Rasio 14	9	1445	16.63	2.5151766	0.93204	0.3705664	23.182045	33.530661	24.872372	69.136857	26.67671
Rasio 18	9	1447	16.44	2.4898818	0.82848	0.3327387	27.170246	33.577071	32.795295	80.919048	29.70948

Ozon 15 mg											
Rasio Kompresi	Beban (kg)	Putaran (rpm)	Torsi (Nm)	BP (Kw)	FC (kg/h)	SFC (kg/kW.h)	Ma (kg/h)	Mth (kg/h)	AFR	$\eta_{vo}$ (%)	$\eta_{th}$ (%)
Rasio 14	9	1448	16.24	2.4612911	0.88026	0.3576416	23.172935	33.600275	26.325102	68.966502	27.640783
Rasio 18	9	1448	16.64	2.521914	0.82848	0.3285124	27.002635	33.600275	32.592984	80.364327	30.09169

**DOKUMENTASI**

