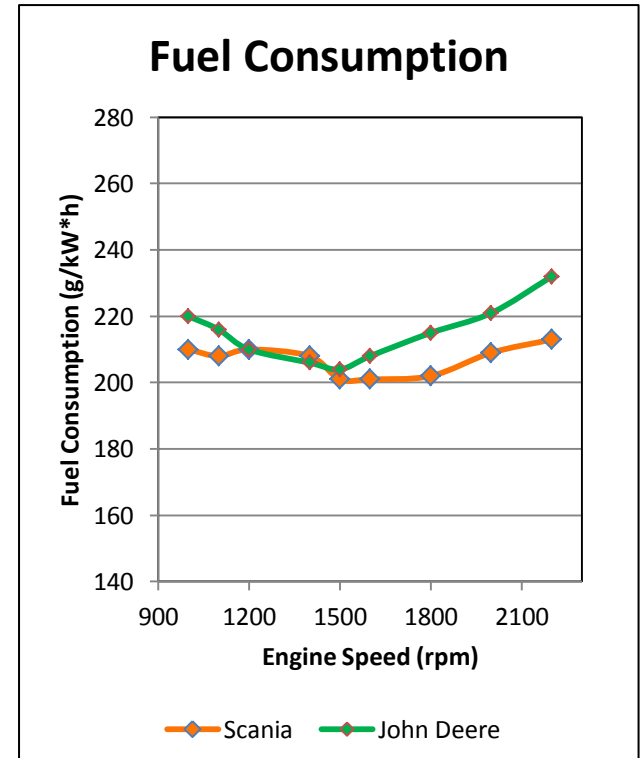
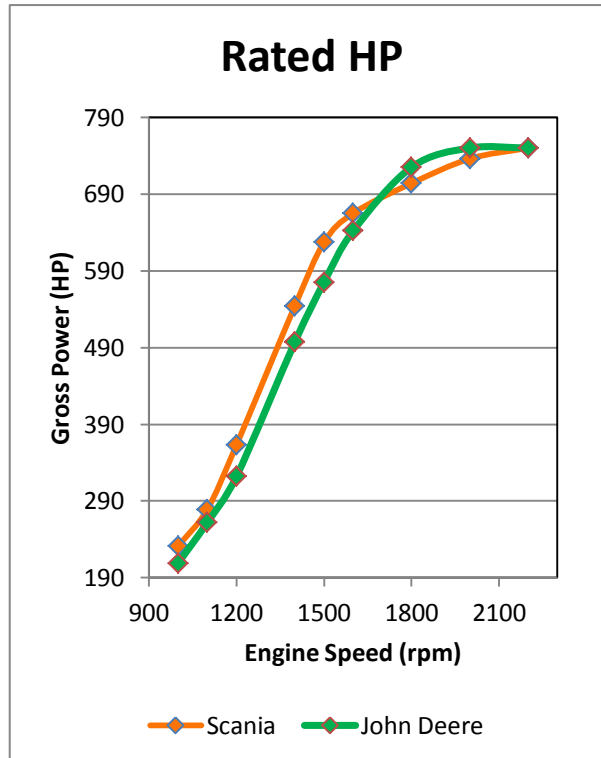
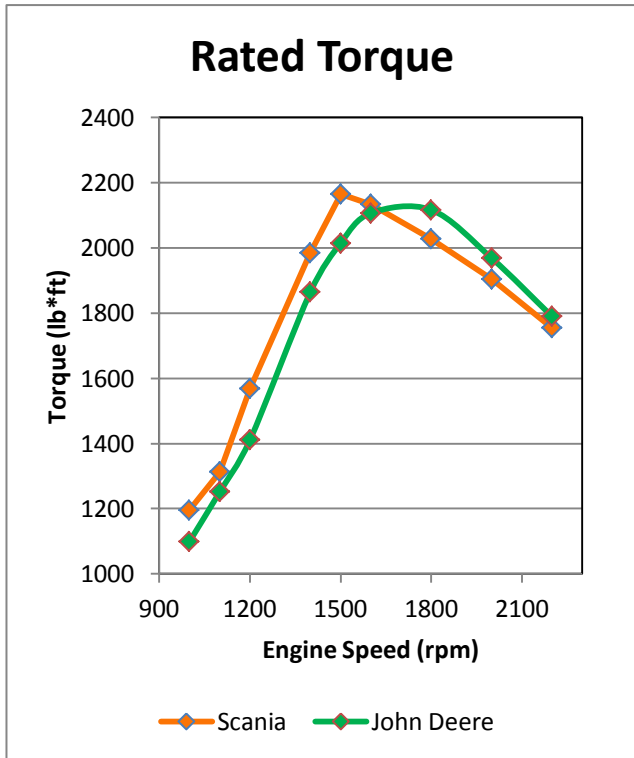


ENGINE COMPARISON

JOHN DEERE 6135SFM75 750HP @ 2200 RPM	RPM	1000	1100	1200	1400	1500	1600	1800	2000	2200
	TORQUE (lb*ft)	1099	1251	1410	1864	2014	2106	2116	1968	1789
	HP	209	262	322	497	575	642	725	750	750
	FUEL CONSUMPTION (g/kWh)	220	216	210	206	204	208	215	221	232

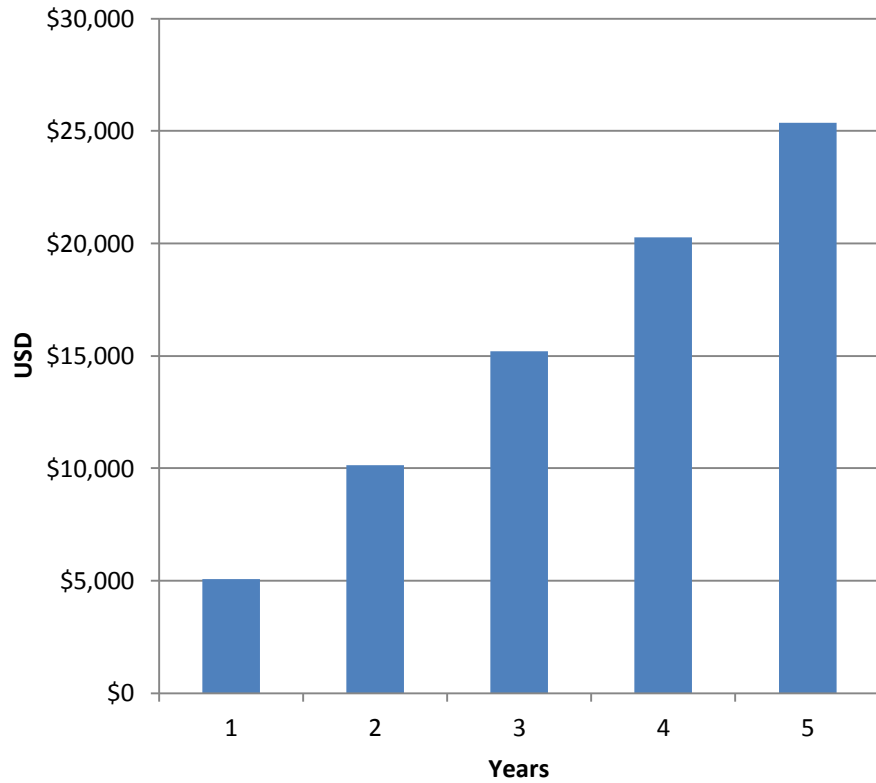
SCANIA DI13 77M 750HP @ 2300 RPM	RPM	1000	1100	1200	1400	1500	1600	1800	2000	2200
	TORQUE (lb*ft)	1195	1313	1567	1984	2165	2132	2027	1903	1755
	HP	231	279	363	544	627	665	704	736	750
	FUEL CONSUMPTION (g/kWh)	210	208	210	208	201	201	202	209	213

TOTAL AVG:	3%	TORQUE % DIFFERENCE:	9%	5%	11%	6%	7%	1%	-4%	-3%	-2%
TOTAL AVG:	5%	HP % DIFFERENCE :	11%	6%	13%	9%	9%	4%	-3%	-2%	0%
TOTAL AVG:	4%	FUEL CONSUMPTION % DIFF. :	5%	4%	0%	-1%	1%	3%	6%	5%	8%



PROP FUEL COMPARISON ANALYSIS

Avg. Fuel Savings for 1200 hr Cycle



SCANIA ENGINE		
Fuel Consumption at 1800 RPM	73.00	L/h
Fuel Consumption at 1800 RPM	19.28	gal/h
Running Time	1200	h
Yearly Fuel Consumption	23141.48	gal/yr
Fuel Cost	\$4.00	/gal
Total Fuel Cost	\$92,565.90	/yr

JOHN DEERE ENGINE		
Fuel Consumption at 1800 RPM	77.00	L/h
Fuel Consumption at 1800 RPM	20.34	gal/h
Running Time	1200	h
Yearly Fuel Consumption	24409.50	gal/yr
Fuel Cost	\$4.00	/gal
Total Fuel Cost	\$97,638.01	/yr

Year	1	2	3	4	5
Fuel Savings	\$5,072	\$10,144	\$15,216	\$20,288	\$25,361

Total Fuel Savings After 5 Years	\$25,361
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