

OPERATING COST CALCULATOR



Cummulative Graph for difference between Truck A (8FGCU20(LPG)) and Truck B (8FBCU20)



Operating Cost Comparison (\$ US) - 11/02/2023											
8FGCU20(LPG)		8FBCU20									
Overall operating cost difference after 10 Years = \$100,270.00											
Overall operating cost difference per Year = \$10,027.00											
Capacity (lbs)	4,000 lbs	Capacity (lbs)	4,000 lbs								
Typical Usage	Heavy Duty	Typical Usage	Heavy Duty								
Fuel Cost/gal	\$2.23	Energy Cost/kwh	\$0.13								
Operation Hours/day	6	Operation Hours/day	6								
Annual Working Days	250	Annual Working Days	250								
Estimated Annual Fuel Cost	\$4,610.00	Estimated Annual Energy Cost	\$1,115.00								
Years in Service	10	Years in Service	10								
Estimated Annual Maintenance Cost	\$3,398.00	Estimated Annual Maintenance Cost	\$1,867.00								
Additional Annual Maintenance	\$0.00	Additional Annual Maintenance	\$0.00								
Total Annual Maintenance Cost \$/year	\$3,398.00	Total Annual Maintenance Cost \$/year	\$1,867.00								
Maintenance Cost \$/hr	\$2.27	Maintenance Cost \$/hr	\$1.24								
Estimated Annual Operating (Fuel + Maintenance + Battery/Tank Change) Cost	\$13,009.00	Estimated Annual Operating (Fuel + Maintenance + Battery/Tank Change) Cost	\$2,982.00								
Overall Operating Cost (10 Years)	\$130,090.00	Overall Operating Cost (10 Years)	\$29,820.00								
Avg. Operating Cost Per Hour	\$5.34	Avg. Operating Cost Per Hour	\$1.99								
Battery/Tank Change Cost \$/year	5,000.00	Battery/Tank Change Cost \$/year	0.00								

Estimated fuel /energy and maintenance costs are for comparison purposes only and may vary depending upon actual applications. Consult your Toyota Material Handling Dealer for further information.

8FGCU20(LPG)						6FBCU20				
	Initial Price	Infra.	Annual operating	Total	Initial Price	Battery re-placement	Annual operating	Total	Diff	Cummulative
YR 1	\$37,865.00	\$00.00	\$13,009.00	\$50,874.00	\$61,563.00	\$00.00	\$2,982.00	\$64,545.00	-\$13,671.00	-\$13,671.00
YR 2	\$00.00	\$00.00	\$13,009.00	\$13,009.00	\$00.00	\$00.00	\$2,982.00	\$2,982.00	\$10,027.00	-\$3,644.00
YR3	\$00.00	\$00.00	\$13,009.00	\$13,009.00	\$00.00	\$00.00	\$2,982.00	\$2,962.00	\$10,027.00	\$6,383.00
YR 4	\$00.00	\$00.00	\$13,009.00	\$13,009.00	\$00.00	\$15,183.00	\$2,982.00	\$18,165.00	-\$5,156.00	\$1,227.00
YR 5	\$00.00	\$00.00	\$13,009.00	\$13,009.00	\$00.00	\$00.00	\$2,982.00	\$2,982.00	\$10,027.00	\$11,254.00
YR 6	\$00.00	\$00.00	\$13,009.00	\$13,009.00	\$00.00	\$00.00	\$2,982.00	\$2,982.00	\$10,027.00	\$21,281.00
YR7	\$00.00	\$00.00	\$13,009.00	\$13,009.00	\$00.00	\$00.00	\$2,982.00	\$2,982.00	\$10,027.00	\$31,308.00
YR 8	\$00.00	\$00.00	\$13,009.00	\$13,009.00	\$00.00	\$15,183.00	\$2,982.00	\$18,165.00	-\$5,156.00	\$26,152.00
YR 9	\$00.00	\$00.00	\$13,009.00	\$13,009.00	\$00.00	\$00.00	\$2,982.00	\$2,982.00	\$10,027.00	\$36,179.00
YR 10	\$00.00	\$00.00	\$13,009.00	\$13,009.00	\$00.00	\$00.00	\$2,982.00	\$2,982.00	\$10,027.00	\$46,206.00

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