

Performance Data: 1969 38 with new 8.1 Horizons 375HP each, ZF transmissions turning 23 x23 props

Posted by Mark Regenhardt on October 28, 2019

I recently repowered with new 8.1 Horizons 375HP each, ZF transmissions turning 23 x23 props. Here is the fuel and rpm performance at various speeds fully loaded with fuel, water, dogs and family. It is a Sedan model. Thought others might like to see the figures which seem pretty good to me curious what others think. The fuel burn is per engine. Must say I love the new engines. Boat cruises great.

RPM	Speed	GPH	Mileage	Cost to go 1 Mile at \$3.50 per gallon	Fuel Cost for 2 Gallons
1000	6.8	2.5	2.72	\$2.57	7
1500	8.6	3	2.866667	\$2.44	
2000	10.5	5	2.1	\$3.33	
2500	14	8	1.75	\$4.00	
3000	17.6	12	1.466667	\$4.77	
3200	20.6	14	1.471429	\$4.76	
3400	22.5	17	1.323529	\$5.29	
3500	23.5	18	1.305556	\$5.36	
3800	26	24	1.083333	\$6.46	
4000	27.5	26	1.057692	\$6.62	
4300	30	35	0.857143	\$8.17	

Below are some graphs of the data.



