

Manufacturer Performance Comparison

Boat Information					
Boat Manufacturer	Chaparral	Crownline	Glastron	Sea Ray	Glastron
Boat Model	Signature 240	250 CR	259	240 Sundancer	GT 249
Length / ft in	26'1"	24'8"	24'10"	24'6"	24'0"
Hull Type	Mono	Mono	Mono	Mono	Mono
Fuel Cap/gals	71	75	56	75	56
Weight / lbs	6025	7400	6080	6255	5070
Power Type	SD	SD	SD	SD	SD
Decibels @ WOT	93		86	93	93
Test Source	Boating B/G	Trailer Boats	Boating Buyers Guide	Today	Trailer Boats
Test Date	01/2005	01/2004	01/2006	08/2006	06/2008
Engine Information					
Engine Make	MerCruiser	Volvo	MerCruiser	MerCruiser	Volvo
Drive Type	Bravo 3	Duo Prop	Alpha	Bravo 2	Duo Prop
Engine Model	Four-Cycle MPI	Four-Cycle MPI	Four-Cycle MPI	Four-Cycle MPI	Four-Cycle MPI
Horse Power	300	280	260	300	270
Drive Ratio	2.2	1.78	1.62	2.2	1.78
Motor Displacement	5.7L	5.7L	5.0L	5.7L	5.0L
Prop Pitch	21		17	20	
Performance					
Top Speed @ WOT	42.8	41	42.1	40.7	44.4
MPG @ WOT	1.9	1.7	2.3	1.8	2.2
RPM @ WOT	5000	5000	5200	5000	5200
GPH @ WOT	22.3	24.7	18.1	22.4	20.3
Range/Miles @ WOT	136.3	124.5	130.3	136.3	122.5
MPG @ 30 MPH	2.7	2.5	3.0	2.3	3.2
GPH @ 30 MPH	11.1	12.0	10.0	13.0	9.4
Range/ Miles @ 30 MPH	191.7	188.3	168.0	172.5	179.2
Run time/hrs @ 30 MPH	6.4Hrs	6.3Hrs	5.6Hrs	5.8Hrs	6.0Hrs
Yearly Fuel Cost 100hrs@30mph@\$2.75/gal	\$3,055.56	\$3,286.85	\$2,750.00	\$3,586.96	\$2,578.13
MPH@1000	5.3	5.4	4.6	5.4	4.6
MPG@1000	4.4	4.2	3.3	3.4	3.3
GPH@1000	1.2	1.3	1.4	1.6	1.4
MPH@1500	7.5	7.4	6.5	6.9	7.0
MPG@1500	3.0	3.1	2.7	2.8	1.9
GPH@1500	2.5	2.4	2.4	2.5	3.6
MPH@2000	8.7	8.8	8.1	8.3	8.7
MPG@2000	1.8	2.1	2.4	1.9	1.8
GPH@2000	4.8	4.1	3.4	4.4	4.8
MPH@2500	9.3	10.8	10.2	10.6	15.2
MPG@2500	1.5	1.5	1.5	1.5	2.5
GPH@2500	6.4	7.0	6.8	6.9	6.2
MPH@3000	18.0	18.4	21.1	18.8	20.9
MPG@3000	2.1	1.9	2.7	2.1	2.8
GPH@3000	8.4	9.5	7.7	9.0	7.4
MPH@3500	26.6	27.1	27.7	25.6	27.9
MPG@3500	2.7	2.6	3.0	2.3	3.3
GPH@3500	9.9	10.4	9.2	10.9	8.5
MPH@4000	32.9	31.7	33.1	30.7	32.8
MPG@4000	2.7	2.5	3.0	2.3	3.0
GPH@4000	12.4	12.9	11.2	13.4	11.0
MPH@4500	36.4	37.7	37.2	35.5	37.0
MPG@4500	2.4	2.1	2.6	2.0	2.5
GPH@4500	15.2	17.9	14.1	18.1	15.1
MPH@5000	42.8	41.0	40.8	40.7	41.4
MPG@5000	1.9	1.7	2.4	1.8	2.1
GPH@5000	22.3	24.7	16.8	22.4	19.5