

| NMPG Fuel Efficiency Comparisons & Observations | | | | | | | | | | Data Source is Power & Motoryacht Magazine's New Boat Buyer's Guide 2014, Builder Website information or MJM Yachts Sea Trial Data | | | | | 11/25/15 | | |
|---|--|----------------|--------------------------|---------------------|----------------------------------|------------|--------------|--|-------------|--|--------------|------------------------|----------------------|--|----------------|--|---------|
| THE DATA SHOWS: | 1. Diesel I/Os More Efficient than Gas Outboards | | 2. Hybrids Not There Yet | | 3. Jet Drives Not Fuel Efficient | | | 4. When Power is Equal Weight & Beam Make the Difference | | 5. Pound for Pound Dollar for Dollar MJM Quality Construction Pays Off | | 6. Triples Equal Twins | | 7. Trawlers are Slow, Not Fuel Efficient | | 8. Traditional Construction Results in Low Performance | |
| | BRAND Model | MJM 29z | Hunt Surftr 29 | MJM 34z | Greenline Hybrid 33 | MJM 36z-19 | MJM 36z-26 | Hinckley T34 | Sabre 42 SE | MJM 40z - 38 | Hinckley T43 | MJM 50z Twins | MJM 50z Triples | Beneteau Swift Tr 50 | Grand Bks 43 | Tiara 50 Coupe | Hunt 52 |
| LOA | 32' 6" | 32' 1" | 37' 5" | 32' 9" | 39' 4" | 39' 4" | 36' 0" | 45' 0" | 44' 2" | 45' 6" | 55' 3" | 56' 0" | 50' 0" | 48' 11" | 54' 6" | 57' 4" | |
| LOD (Length on Deck) | 29' 0" | 29' 0" | 34' 0" | 32' 0" | 36' 0" | 37' 0" | 34' 3" | 40' 10" | 40' 0" | 43' 9" | 50' 0" | 50' 0" | 43' 9" | 43' 0" | 50' 0" | 51' 9" | |
| Beam | 10' 2" | 10' 6" | 11' 0" | 11' 5" | 11' 0" | 11' 0" | 11' 0" | 14' 0" | 12' 0" | 14' 6" | 15' 0" | 15' 0" | 15' 3" | 15' 8" | 15' 11" | 15' 0" | |
| Draft | 2' 5" | 2' 1" | 2' 5" | 2' 3" | 2' 5" | 2' 5" | 1' 10" | 3' 4" | 3' 3" | 2' 4" | 2' 10" | 3' 10" | 3' 5" | 3' 9" | 4' 8" | 4' 7" | |
| 1/2 Load | 8,600 | 9,000 | 10,600 | 10,500 | 13,100 | 14,000 | 14,000 | 26,000 | 18,910 | 28,000 | 30,850 | 32,850 | 35,264 | 41,000 | 53,000 | 63,000 | |
| Fuel (gal) | 120 | 235 | 150 | 132 | 200 | 200 | 160 | 380 | 350 | 500 | 520 | 520 | 634 | 600 | 654 | 750 | |
| Engines | Volvo D4 | Ymha Gas | Yanmar 6LY | VW | Volvo D3 | Yanmar | Yanmar | Volvo D6 | Volvo D6 | Cummins | Volvo D6 | Volvo D6 | Volvo D6 | Cummins | Volvo D9 | Cat C18 | |
| HP | 1x260 | 2x250 | 1x440 | 150VW | 2x220 | 2x260 | 2x260 | 2x370 | 2x370 | 2x550 | 2x435 | 3x435 | 2x435 | 2x480 | 2x600 | 2x1001 | |
| Drive | I/O | Outboards | Shaft | TDI 15-5 | I/O IPS | I/O Joystk | Jet | IPS 500 | IPS 500 | Jet | IPS 600 | IPS 600 | IPS 600 | Zeus | IPS 800 | Thrusters | |
| 4-6 Knots | 5.8 | 5.6 | 5 | 6.1 | 4.5 | 4.5 | 4.5 | 4.2 | 5.0 | 5.4 | 4.1 | 5.1 | 5.0 | | 5.6 | | |
| GPH | 0.6 | 2.5 | 0.4 | 1.0 | 0.5 | 0.9 | 1.0 | 0.6 | 0.7 | 2.2 | 1.3 | 1.1 | 1.5 | | 2.4 | | |
| NMPG | 9.7 | 2.2 | 12.5 | 6.0 | 9.0 | 5.0 | 4.5 | 7.0 | 7.1 | 2.5 | 5.10 | 4.60 | 3.3 | | 2.3 | | |
| NM Range | 1044 | 474 | 1688 | 741 | 1620 | 900 | 648 | 2419 | 2115 | 1105 | 2399 | 2153 | 1903 | | 1374 | | |
| 7-9 Knots | 8.3 | 8.3 | 8.7 | 8.4 | 8.7 | 8.0 | 7.9 | 7.7 | 7.6 | 7.1 | 7.0 | 7.8 | 7.6 | 7.0 | 8.8 | 10.2 | |
| GPH | 2 | 7 | 2.3 | 2.48 | 3.3 | 3.5 | 4.8 | 3.0 | 2.7 | 6.0 | 2.4 | 2.5 | 3.9 | 4.4 | 8.5 | 17.6 | |
| NMPG | 4.2 | 1.2 | 3.8 | 3.4 | 2.8 | 2.3 | 1.6 | 2.6 | 2.8 | 1.2 | 2.90 | 3.10 | 1.9 | 1.6 | 1.0 | 0.6 | |
| range | 448 | 244 | 511 | 403 | 504 | 414 | 237 | 881 | 1200 | 532 | 1365 | 1451 | 1112 | 859 | 609 | 390 | |
| 9-12 Knots | 10.4 | 11.0 | 10.3 | 10.4 | 11.5 | 12.0 | 9.8 | 11.9 | 10.0 | 10.8 | | 11.1 | 11.0 | 10.3 | 11.2 | 11.5 | |
| GPH | 3.5 | 10.9 | 3.3 | 4.5 | 6.0 | 7.2 | 8.0 | 12 | 6.8 | 17.6 | | 9.0 | 19.0 | 25.4 | 21.9 | 26.4 | |
| NMPG | 3.0 | 1.0 | 3.1 | 2.3 | 1.9 | 1.7 | 1.2 | 1.0 | 1.5 | 0.6 | | 1.30 | 0.6 | 0.4 | 0.5 | 0.4 | |
| range | 321 | 213 | 421 | 274 | 342 | 303 | 176 | 343 | 517 | 276 | | 608 | 330 | 219 | 301 | 295 | |
| 13-18 | 14.4 | 16.9 | 13.2 | 13.9 | 16.5 | | 15.6 | 16.0 | 15.8 | 18.3 | 13.0 | 18.4 | 15.2 | 17.7 | 17.9 | 18.6 | |
| GPH | 4.6 | 13.7 | 5.4 | 8.6 | 9.2 | | 14.2 | 18.0 | 11.9 | 31.2 | 12.0 | 16 | 31.2 | 35.0 | 37.1 | 38.8 | |
| NMPG | 3.1 | 1.2 | 2.4 | 1.6 | 1.8 | | 1.1 | 0.9 | 1.3 | 0.6 | 1.10 | 1.10 | 0.5 | 0.5 | 0.5 | 0.5 | |
| range | 338 | 261 | 330 | 193 | 324 | | 158 | 307 | 410 | 264 | 507 | 515 | 278 | 273 | 284 | 324 | |
| 19-23 | 19.1 | | 19.0 | WOT | 20.8 | 19.0 | | 21.7 | 22.5 | 23.2 | 19 | 20.8 | 23.4 | 21.7 | 22.9 | 23.7 | |
| GPH | 5.7 | | 9.1 | | 11.0 | 10.8 | | 23.0 | 18.0 | 40.4 | 20 | 21 | 44.6 | 47.6 | 43.6 | 54.6 | |
| NMPG | 3.4 | | 2.1 | | 1.9 | 1.8 | | 0.9 | 1.3 | 0.6 | 1.00 | 1.01 | 0.5 | 0.5 | 0.5 | 0.4 | |
| range | 362 | | 282 | | 342 | 324 | | 325 | 394 | 264 | 507 | 468 | 299 | 246 | 309 | 293 | |
| 24-27 | 26.6 | 25.2 | 25.0 | | 25.0 | 25.0 | 26.3 | 26.9 | 27.0 | | 24.0 | 26.5 | WOT | 22.7 | 27.3 | | |
| GPH | 8.9 | 16.4 | 14.1 | | 12.0 | 18.5 | 21.8 | 30.0 | 22.0 | | 24 | 28.5 | | 50.2 | 52.5 | | |
| NMPG | 3.0 | 1.5 | 1.8 | | 2.1 | 1.4 | 1.2 | 0.9 | 1.2 | | 1.00 | 0.93 | | 0.5 | 0.5 | | |
| range | 323 | 325 | 239 | | 378 | 252 | 173 | 310 | 387 | | 468 | 421 | | 244 | 306 | | |
| 28-30 kts | 30.1 | 30.9 | 29.2 | | 29.0 | 29.0 | 31.2 | 30.0 | 30.5 | 31.3 | 28.0 | 29.3 | | WOT | 30.7 | 29.1 | |
| GPH | 11.0 | 22.0 | 20.1 | | 15.0 | 23.0 | 25.4 | 35.0 | 25.0 | 58.0 | 35.0 | 32.0 | | | 60.4 | 72.2 | |
| NMPG | 2.7 | 1.4 | 1.5 | | 1.9 | 1.3 | 1.2 | 0.9 | 1.2 | 0.5 | 0.80 | 0.92 | | | 0.5 | 0.4 | |
| range | 296 | 297 | 203 | | 342 | 234 | 176 | 296 | 384 | 243 | 374 | 421 | | | 299 | 272 | |
| 31-34 kts | 33.4 | 34.3 | 30.4 | | 31.5 | 31.0 | 32.8 | 32.2 | 32.5 | WOT | 33.8 | 32.3 | | | 34.0 | 34.4 | |
| GPH | 14.0 | 27.4 | 21.3 | | 18.0 | 29.0 | 28.2 | 42.0 | 28.6 | | 44.0 | 40.0 | | | 71.6 | 96.2 | |
| NMPG | 2.4 | 1.3 | 1.4 | | 1.8 | 1.1 | 0.9 | 0.8 | 1.1 | | 0.77 | 0.81 | | | 0.5 | 0.4 | |
| range | 259 | 265 | 188 | | 324 | 198 | 167 | 265 | 358 | | 360 | 374 | | | 280 | 241 | |
| 35 Plus kts. | WOT | 39 | WOT | | 34.5 | 35.0 | WOT | WOT | 38.0 | | WOT | 35.0 | | | WOT | 35.9 | |
| GPH | | 35.5 | | | 22.0 | 29.0 | | | 35.0 | | | 50.0 | | | | 101 | |
| NMPG | | 1.1 | | | 1.6 | 1.2 | | | 1.1 | | | 0.70 | | | | 0.4 | |
| range | | 232 | | | 288 | 216 | | | 342 | | | 328 | | | | 240 | |
| 40+ | | WOT 46.0 | | | WOT | WOT | | | WOT | | | WOT 40.3 | | | | WOT | |
| MODEL Brand | MJM 29z | Hunt Surftr 29 | MJM 34z | Greenline Hybrid 33 | MJM 36z-11 | MJM 36z-26 | Hinckley T34 | Sabre 42 | MJM 40z | Hinckley T43 | MJM 50z Twin | MJM 50z Triple | Beneteau Swift Tr 50 | GB 43 | Tiara 50 Coupe | Hunt 52 | |