

Peek Horsepower Fuel Consumption

Gallons Per Hour GPH = (Specific Fuel Consumption x Horsepower) / Fuel Specific Weight

Gasoline GPH = (.5 x HP)/6.1 or Diesel GPG = (.4 x HP)/7.2

GASOLINE

Specific Fuel Consumption for Gas = .5 lb. per HP

Fuel Specific Weight for Gas = 6.1 lbs./gallon

EXAMPLE A:

100 Horsepower Boat

(.5 x 100) divided by 6.1 = 50 divided by 6.1

50/6.1 = 8.2 Gallons Per Hour

DIESEL

Specific Fuel Consumption for Diesel = .4 lb per HP

Fuel Specific Weight for Diesel = 7.2 lbs./gallon

EXAMPLE B:

100 Horsepower Boat

(.4 x 100) divided by 7.2 = 40 divided by 7.2

40/7.2 = 5.5 Gallons Per Hour

ESTIMATIONS: You can roughly estimate Fuel Consumption by dividing your Gasoline Engine Horsepower by 10 but Errs High or divide your Diesel Engine Horsepower by 20 but Errs Low