

# One of a few methods of figuring Duty Cycle or Load Factor

Operating Mode #	Total Time @ Operatng Mode	ENGINE RPM
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
Totals:		

## Duty Cycle Equals:

$$\frac{\text{Total fuel Consumed during Cycle (typical day fishing)}}{\text{Total fuel that could be consumed at rated RPM / WOT}} = \% \text{ Duty Cycle}$$

Engine Make Model and Rated HP: \_\_\_\_\_

Manufactures Rated Fuel Burn at WOT fully loaded \_\_\_\_\_ GPH

Your vessels Max (accurate RPM) at WOT fully loaded conditions \_\_\_\_\_

Total Fuel Consumed during 12 hour day \_\_\_\_\_

*Note: A lot for generator--Approx 1/3 GPH per 5 Kw*

