

# 500 Hour Service

## Shire 38/40/45/50

Boat Name: \_\_\_\_\_ Owner: \_\_\_\_\_

Location: \_\_\_\_\_

Engine Hours: \_\_\_\_\_ Date: \_\_\_\_\_

Description	Done	Comment
Check operation of all controls		<b>Lubricate key switch</b>
Check and adjust all alternator belts		
Change engine oil filter (See Materials Used)		
Change engine oil (See Materials Used)		
Change gearbox oil (See Materials Used)		<b>Oil required dependant on gearbox fitted</b>
Change primary fuel filter (See Materials Used)		<b>N/A for Shire 38</b>
		<b>Fit the fuel filter drain screw and seal from the old filter to the new filter</b>
Change secondary fuel filter (See Materials Used)		<b>Change annually</b>
Check all fuel pipes are secure/no chaffing		
Change air filter element (See Materials Used)		
Check security of all electrical connections		<b>Check behind the panel</b>
Visual inspection of all wiring		
Check coolant levels		
Check all hose clips for security		
Check all cooling water pipes are secure/no chaffing		
Check alignment of engine/shaft		
Check propeller is secure		
Check tightness of engine mounting bolts		
Check tightness of drive coupling bolts		
Visual check of stern gland		
Check operation of bilge pump		
Audible check of tappets		

**Materials Used**



No  
Image



Description	Part No.	Qty	Model
Engine Oil 10W40 5L Container (This oil is also used for PRM 150 & 280 Gearboxes)	RDG6110	2*	All
ATF Oil for PRM 90 Gearbox (If fitted)	ATF-1L	1	All
Oil Filter	129150-35170	1	All
Primary Fuel Filter**	RDG9188346	1	Shire 40 Shire 45 Shire 50
Secondary Fuel Filter**	119802-55810	1	All
Air Filter Element	RDG5795	1	All

**A quantity of 2 is required even if a PRM 150 Gearbox isn't fitted**

**\*\* Only filters which meet the Recreational Craft Directive should be fitted to your engine**