**500 Hour Service**

**Shire 70**

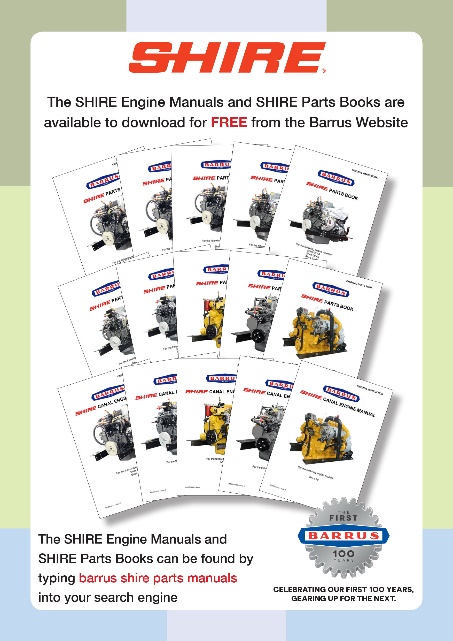
|  |  |  |  |
| --- | --- | --- | --- |
| Boat Name: |  | Owner: |  |
| Location: |  | | |
| Engine Hours: |  | Date: |  |

|  |  |  |
| --- | --- | --- |
| **Description** | **Done** | **Comment** |
|  |  |  |
| Check operation of all controls |  | **Lubricate key switch** |
|  |  |  |
| 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) |  |  |
|  |  |  |
| Change primary fuel filter (See Materials Used) |  | **Fit the fuel filter drain screw and seal from the old filter to the new filter** |
| Change secondary fuel filter (See Materials Used) |  | **Change annually** |
| Check all fuel pipes are secure/no chaffing |  |  |
|  |  |  |
| Change air filter element (See Materials Used) |  |  |
|  |  |  |
| Check security of all electrical connections |  | **Check behind the panel** |
| 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**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Description** | **Part No.** | **Qty** | **Model** |
|  | Engine Oil 10W40 5L Container (This oil is also used for PRM 280 Gearbox) | RDG6110 | 3 | All |
|  | Oil Filter | 129150-35170 | 1 | All |
|  | Primary Fuel Filter\* | RDG9188346 | 1 | All |
|  | Secondary Fuel Filter\* | 119802-55810 | 1 | All |
|  | Air Filter Element | RDG6613 | 1 | All |

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

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