

SECTION 6Oil System Servicing

1. Pressure and Suction oil filters.
 - a. Position suitable receptacle to catch waste oil.
 - b. Remove filter cover.
 - c. Discard 'O' seal on cover.
 - d. Withdraw the filter.
 - e. Examine the filter for foreign material.
 - f. If satisfactory was in clean kerosene and examine it for damage and security of the gauge.
 - g. Dry with air blast. DO NOT USE RAG.
 - h. Refit filter.
 - j. Secure cover with a new 'O' seal in position.

 2. Scavenge oil filters.
 - a. Position suitable receptacle to catch waste oil.
 - b. Release filter cap-nut lockspring.
 - c. Remove filter and spring. Examine for foreign material.
 - e. If satisfactory, wash in clean gasoline and examine it for damage and security of the gauge.
 - f. Dry with an air blast. DO NOT USE RAG.
 - g. Examine filter cap-nut 'O' seal for condition and replace as necessary.

 3. Prolonged Engine Standby (Two weeks or more).
 - a. Oil may have drained from tank via check valves into sump resulting in a low reading on the indicator.
 - b. Carry out two 'DRY' motoring cycles to reclaim the oil from the sump.
 - c. If there is no increase indicated in the tank contents replenish as in para 5.
 - d. Should the oil tank indicator show an increase carry out a further two 'DRY' motoring cycles.
 - e. Re-check tank contents and if necessary replenish as in para 5.

 4. Draining Oil tank.
 - a. Remove blanking cap from the filling and draining connection.
 - b. Position a suitably sized receptacle to catch the drain oil.
 - c. Plug the drain self sealing equipment into the fill and drain connection, allowing oil to flow.
 - d. When oil flow ceases, remove equipment and refit blanking cap.

 5. Replenishing oil tank. (WITHIN 1 HR. OF EXT. STOPPING.)

301	-	31 PSI	}	(MAX CONSUMPTION 1 1/2 GALS/HR.)
202	-	36 PSI		

 - a. Remove blanking cap from the filling and draining connection.
 - b. Plug the replenishing hose and trigger on to this connection.
 - c. Remove blanking cap from overflow connection.
 - d. Position a receptacle to catch any overflow oil.
 - e. Connect drain equipment to overflow connection and allow any residue oil to drain from pipe lines.
 - f. Replenish until oil flows from overflow drain.
 - g. Allow overflow to cease.
- NOTE: Oil contents gauges are only to be used as an indicator of replenishment required and not to determine when tank contents during replenishment reach level in the tank.
- h. Remove replenishment and drain equipment.
 - j. Refit all blanking caps.

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