

Oil Cooling System

The oil cooler is located on top of the crankcase in the fan housing, and is cooled by the air from the blower. The oil system is arranged so that the oil must pass through the cooler before proceeding to the lubrication points. The cooling insures that the oil retains its lubrication quality even in warm weather at sustained high engine speeds. In cold weather when the oil is thick a pressure relief valve allows part of the oil to by-pass the oil cooler and flow directly to the oil passages.

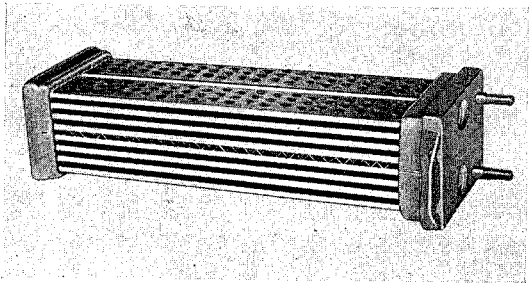


Fig. 16

Oil Pressure Indicator

A pressure actuated switch is connected to the oil line between the pump and cooler. In the closed position it lights a green lamp on the instrument panel. At pressures greater than 0.4 to 0.6 atu (6 to 9 psi) the switch opens interrupting the current to the green lamp which lights only when the ignition is on and there is low or no oil pressure.

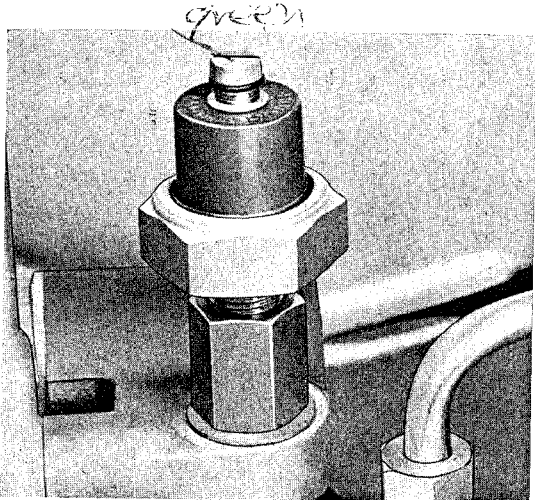


Fig. 17