



Figure 3A-5. Oil Tank Filter - Exploded View

than normal, and any engine used only for short runs, must have oil drained frequently along with a thorough tank flush-out, before new oil is put in tank. The farther below freezing the temperature drops, the shorter the oil change interval should be.

#### OIL PRESSURE SIGNAL LIGHT

The "OIL" signal light, when on, indicates that oil is not circulating through the engine. Proper operation is indicated when the light is off. The "OIL" signal will light when the ignition is turned on preparatory to starting engine. The light should be off when engine speed is equivalent to approximately 20 miles per hour road speed in high gear. If the oil pressure signal light fails to go off at speeds above idling it is usually due to one of the following causes:

Empty oil tank, oil feed line clogged with ice and sludge

(freezing weather) or air bound, grounded oil signal switch wire, defective signal switch, gear pin sheared in oil feed pump, diluted oil.

If the oil pressure signal light does not work when ignition is turned on, preparatory to starting engine, it is usually due to one of the following causes:

Defective signal switch, defective wiring, dead battery.

#### OIL PRESSURE SIGNAL LIGHT SWITCH

The oil pressure signal light switch is an electrically operated diaphragm-type switch. The diaphragm is spring-loaded and held against its contact point by spring tension when oil is not circulating through the system, closing the circuit (indicator light "on"). When engine is started, and as engine speed is in-