



Fig.4. Tank - cutaway view

TANK (fig.4)

21. The tank is constructed of glass fibre and has a liquid capacity of 100 Imperial gallons. It is mounted in the centre of the truck body and the mounting angles are lined with sponge foam to prevent the tank being damaged by shock. The tank is secured by four tie rods. Baffle plates mounted inside the tank reduce the movement of the liquid when the truck is manoeuvring.

22. A hinged lid in the centre of the tank cover allows access to the expansion dome. A 7 in. square plate at the bottom of the expansion dome is secured to the tank cover by nylon screws and may be removed to facilitate the periodic filter changing and tank cleaning operations. The tank is filled through a 2 in. diameter hole in the plate. The lid is retained in the closed position by a toggle catch and when the catch is correctly engaged the lid rubber gasket is slightly compressed. The mixture in the tank is allowed to breath through a 1/2 in. outlet in the side of the expansion dome. A pipe from this outlet vents behind the cab.

Filter

23. The filter, located inside the tank above the main outlet, consists of an 1/8 in. mesh nylon filter stretched over a perforated metal drum. The metal drum is kept in place at the outlet by spring tension.

Main outlet

24. The main outlet is a 2 in. bore pipe in the base of the tank. The flow