cause dirt particles to separate from the oil and settle on the walls of the centrifuge body and cover. For this reason, the centrifuge must be cleaned after every 10000 km run.

Fuel System

The fuel system includes the following: petrol tank, three-way cock with filter and settler, two carburettors, air cleaner, air duct and petrol pipelines.

Petrol Cock with Settler

The petrol cock is screwed into the threaded bushing of the petrol tank. Provided in the lower part of the cock is settler *5* (Fig. 12) with filter gauze *8*. Petrol is fed through one of two petrol pipes *12* and *13* of different height.

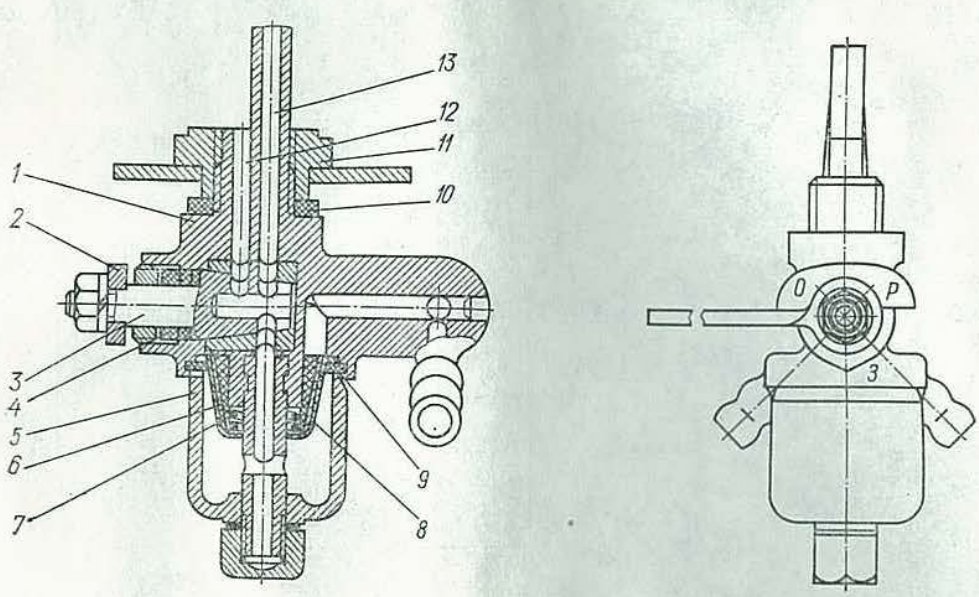

Fig. 12. Petrol cock:

1 — body; *2* — knob; *3* — slide valve; *4* — slide valve sealing gasket; *5* — settler; *6* — filter bowl; *7* — filter spring; *8* — filter gauze; *9* — settler sealing gasket; *10* — sealing gasket of petrol cock body; *11* — threaded bushing; *12* — petrol pipe for reserve fuel; *13* — petrol pipe for main fuel

Inside the cock body is slide valve *3* having one axial and two radial holes. One of them, a through one, is matched with the hole of a higher petrol pipe (main fuel), and the other coincides with the channel of a lower petrol pipe (reserve fuel).

At the other side of the body are fitted two unions for connection of fuel supply rubber hoses extending to the carburettors.

The cock knob may be set to one of the following positions (Fig. 12):

O — cock is open; *3* — cock is closed; *P* — cock is open for consumption of reserve fuel.

The reserve fuel capacity is equal to 2 l.

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