



Daily Usage and Maintenance of the Whole Fuel Dispenser

- ∅ When adjusting the fuel dispenser or washing the oil tank, do not use the fuel dispenser to suck water or water-containing fuel, to prevent the pump and other components from being damaged by internal corrosion or low temperature frost cracks.
- ∅ The interior of the oil tank should be washed regularly in order to keep fuel clean.
- ∅ After the fuel dispenser has been used for a period of time, with the increase of items sticking to the surface of the fuel dispenser filter core, the flow rate of the fuel dispenser will decrease significantly. Under such a circumstance, the filter should be washed. A filter is installed inside the fuel inlet of the fuel pump. The strainer should be removed and washed regularly (each week), or replaced if it is damaged. Gasoline should be used to wash the strainer screen and to remove dirt from inside the fuel inlet of the fuel pump.
- ∅ The adjusting screw of the by-pass valve on the fuel pump is used to adjust the pressure of the pump, thus to adjust the fuel discharge capacity of the fuel dispenser. It had been properly adjusted when the fuel dispenser was shipped out of the factory. After the fuel dispenser has been used for a long period of time, if its fuel discharge capacity decreases somewhat, you can adjust the adjusting screw inwards to increase the pressure of the pump so that the fuel discharge capacity meets the requirement. Note that you should not adjust the adjusting screw all the way inwards to the end.
- ∅ The fuel dispenser with a suction pump is suitable not only for underground oil tanks, but also for overhead tanks. When an overhead tank is used, it shall not be taller than 10m, and there shall be no bow shaped pipeline. During use, the exhaust pipe of the pump should not be clogged and must be connected to the oil tank.



Table-18: Common item check sheet for oiling machine technical parameter of combined pump

Inspection Item	Inspection Requirement
Fuel leakage	Check if there is any leakage occurring to the sight glass, hose, hose connectors, corrugated pipe connecting disc, fuel inlet of the pump, fuel inlet and outlet of the flow meter. If yes, fix it immediately.
Strainer	Wash or replace the pump strainer.
Triangular belt	Check if the triangular belt is loosening.
Flow meter	Check if the accuracy of the flow meter deviates from the standard.
Pump	Check if the flow rate is on the low side.
Nozzle	Check if the nozzle can be operated easily and if it needs some lubricant.
Exhaust pipe	Check if there is fuel coming out of the exhaust pipe. If yes, repair the exhaust pipe immediately.
Lead seal	Check if the lead seal is safe and reliable.
Fuel dispenser cleaning	Turn off the power supply first. Open the door panel, clean up dirt inside, wash the external surface; using flammable gas is not allowed.