

NEOMETRIX DEFENCE

About

Set for Inhibition Rig (Model No. A1524)

Set for Aero Engine Preservation is a device that pumps inhibiting fuel into the Fuel Tank of the Aero Engine (Air Force). Traditionally, the pump is driven directly by the 28 V DC motor coupled to the Pump through Bell-Housing and Coupling. Set for Aero Engine Preservation is used to inhibit the fuel in Aero engines. The Pump delivers a flow of 800 liters/hour at 3 Kg/cm² to the engine. The level of oil in tank is indicated through Level Indicator mounted on the Tank. The filtered oil is supplied to the engine through the delivery hose. The Rig is portable as it has a wheeled Base, the tank is Cylindrical and it makes the Rig compact. The whole rig looks like a Trolley.

The system consists of a 24 liters tank, strainer, level indicator for measuring the level manually, filler breather. The system is operating at a pressure of 3 Kg/cm².

The test bench consists of pump and motor coupled through Coupling and Bell Housing



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Technical Details

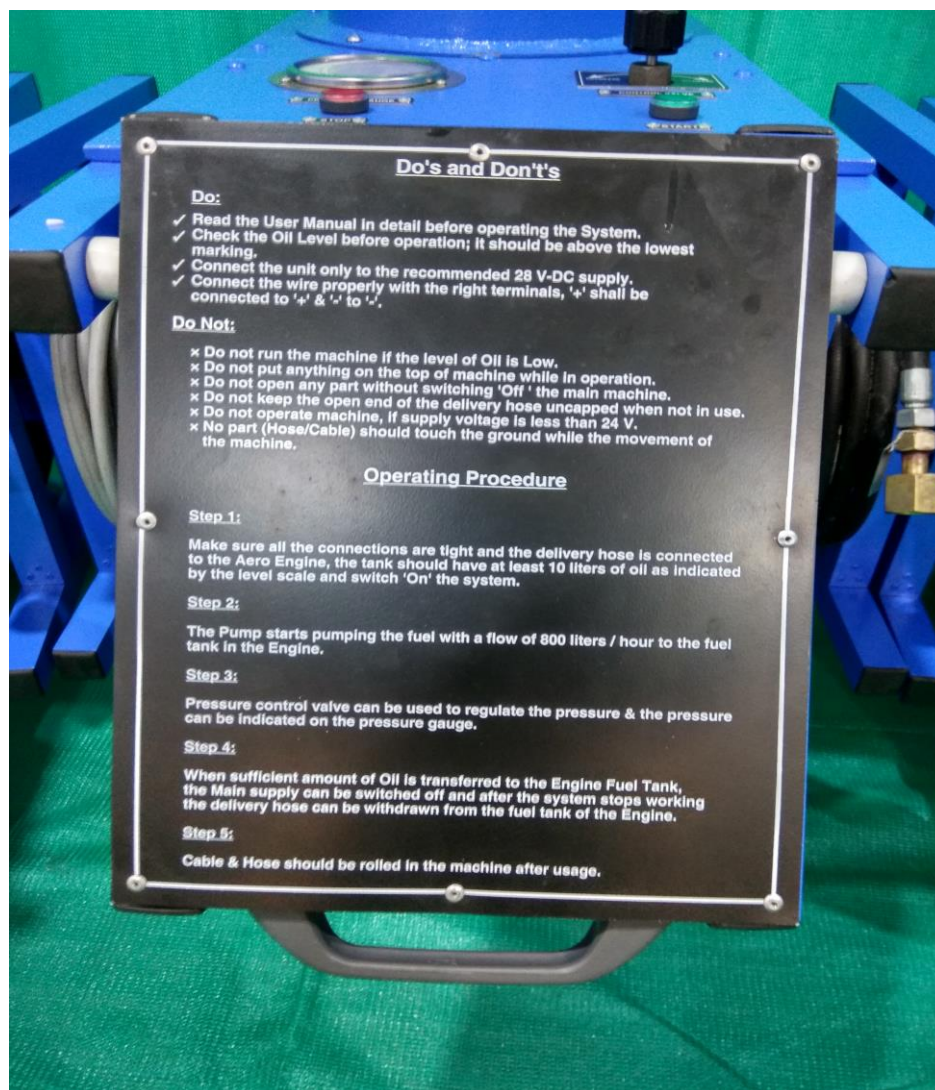
- Working Medium : OM-11
- Operating Pressure : 3 Kg/cm²
- Drive Motor : 0.35 KW
- Function: Used for Preservation of Aero Engine and SAFIR
- Tank capacity: 24 litres
- Preserving Oil temp.: 50- 70 °C
- Consumed DC Voltage: 28 V
- Delivery rate: 800 liters/hour



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Application

The complete rig is basically a power pack to pump the inhibiting oil into the engine of the helicopter. A 24 liters supply tank is provided for supply of inhibiting fluid. The tank is cylindrical in shape thus making the rig compact and portable. The inhibiting fluid is delivered to the engine of the helicopter by transfer pump which is driven through motor of 0.35 KW and located above the supply tank.



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Key Features

- Portability.
- The Pump delivers a flow of 800 liters/hour at 0-3 Kg/cm² to the engine.
- Level indicator for measuring the level manually.
- The tank is cylindrical in shape.

