

DIESEL OIL TRANSFER PUMP SET

TECHNICAL SPECIFICATION

RANGE OF PERFORMANCE

Grand triplex diesel oil transfer pump set is preassembled ready for installation.

The sets operate as "duty-standby", with one pump starting automatically on command received from day tank level switch and switch off when level is reached. In case pump failure standby pump switches on automatically. An Oil drip pan is standard.

This system is energy efficient as it only starts the pumps necessary to meet the demand. The pump is alternated manually from the control panel.

OPTIONS:

- Microprocessor controller BMS Bacnet/MSTP Output
- Automatic alternation
- Oil leak alarm
- Day tank switches
- UG tank and day tank level transmitter

PUMP SPECIFICATION

Pump Type: Centrifugal Mono Block

Model: CP-ST Series Italy

Liquid: High Speed Diesel Oil

Flow Capacity: 50 Liters/min to 230 Liters/min @ 15m Head to 40m Head

Temperature of Diesel: -10 to +90°C

Ambient Temperature: up to +40 °C

Max. Working Pressure: 8 bar

Impeller: AISI 304 Stainless Steel

Shaft: AISI 431 Stainless steel

Body: AISI 304 Stainless Steel

Power: 2 HP, 220 V, 50 Hz, 1 Phase

Motor: TEFC, 2 pole, Insulation class F, Protection degree IP44, Class IE3 with thermal overload protection.

CONSTRUCTION CHARACTERISTICS

- Pumps complete with suction and delivery manifolds, ball valves and nonreturn valves and oil basket filter.
- Basket Filter Cast Iron, 1" BSP, SS316 basket with 20 mesh, 120°C
- Base made of powder-painted metal sections.

CONTROL SYSTEMS

Pre-installed comprising of,

- In-coming circuit breaker
- Starter switchgear
- Power ON indication
- H/O/A switch
- Pump ON indication
- Pump OFF indication

