

**OPERATOR'S SPARE PARTS
& SERVICE MANUAL**



®

SUBMERSIBLE PUMP MODEL TFE50-75



FAIRPORT

CONSTRUCTION EQUIPMENT LTD

Blagden Street
Sheffield
S25QS
ENGLAND

Tel: 00 44 114 276 7921
Fax: 00 44 114 272 0965
Email: sales@fairport.uk.com

APPLICATION

Use only to pump clean water. The pump must not be allowed to rest on the bottom if it is muddy, sandy or silt or consists of any solids likely to pass through the strainer. In such cases the pump should be suspended well above the bottom using a rope tied round item 14 just below item 20.

MAINTENANCE

Grease shaft, bearings and seals with Castrol BM2 or similar every 1000 hours or 6 months if sooner.

When refitting seals the bottom two should have their pressure side facing downwards and the top the pressure side facing upwards

Note the circlip retaining the oil seals is 1mm greater in diameter than the one retaining the bearings.

A falling off of pump performance may be due to excessive clearance between impeller and wear plate. Fit M16 washers behind the impeller to minimise this clearance. If pump fails to perform it may be because the discharge end of the hose is too high above water level. It may also be because the pump has buried itself in mud or silt. Any wear thus caused is not covered under warranty.

SAFETY

Use only for pumping clean water. Do not use for pumping inflammable, corrosive or volatile liquids or solvents.

Do not insert plug-in connector whilst engine/motor drive claw is rotating

Disconnect drive from prime mover before dismantling pump

If outer case is disposed of by incineration ensure complete combustion of gases and fumes produced.

Do not operate pump if strainer is not fitted.

PARTS LIST

<u>Item</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty</u>
1	FP-3/1	Strainer	1
2	FP-3/2	Pump casing	1
3	60841	Wear plate	1
4	60839	Impeller	1
5	60837	Oil seal bush	1
6	FP-3/6	3" hose branch	1
7	81266	Circlip Ø48 int.	1
8	81247	Oil seal	3
9	81131	O ring	1
10	60838	Pump shaft	1
11	81002	Ball bearing	1
12	60840	Bearing collar	3
13	81301	Circlip Ø20 etx.	1
14	FP-3/14	Pump upper case	1
15	88035	2" hose branch	1
16	81257	Circlip Ø47 int.	1
17	81127	O ring	1
18	FP-3/18	Connector holder	1
19	405/5/36	5/16 UNC bolt	4
20	FP-3/20	Collar nut	1
21	60824	Outer case assy	1
22	60825	Core assy	1
23	81133	O ring	1
24	81070	Bearing	1
25	81314	Circlip Ø12	1
26	469/8/16	M8 csk screw	1
	60826	Flexible drive complete, items 21, 22, 23, 24 & 25.	4

Note: Threads of each end of outer case assy (item 21) are left hand.

