Unit no. FU-49

IKM Testing AS

OIL FLUSHING UNIT

Dimensions

Length(mm).....: 2250 Width(mm).....: 1550 Height(mm).....: 1850
Weight (kg).....: 1200
Lifting/ Transportation.....: Frame with forklift channels

Construction year

Built.....: 1992

Area of use / certification

Onshore/offshore.....: Onshore

Flow / Pressure / Volume

Tank Volume (ltr).....: 500
Hz v Q-max measure.....: 50 Q-max (l/min).....: 190
Hz v P-max measure.....: 50 P-max (bar).....: 210
Min. viscosity (cst).....: 15
Max. Viscosity (cst).....: 75

Connections

Inlet connection.....: 2 ea 1" BSP and 1 ea 1/2" BSP
Outlet connection.....: 2 ea 1" BSP and 3 ea 1/2" BSP

Pump(s)

Pump1 (type).....: Axial piston Vickers F3-PV130-P-R-1-1/11/HP
Pump2 (type).....: Pinion Dowty 2PL 090 CPDFBN

Motor / Engine(s)

Motor1 (type).....: VEM KPER 180 L4 (380V 50Hz 43,5 Amp 22 kW / 220V 50Hz 74 Amp 22 kW)
Motor2 (type).....: VEM KMER 100 L4 (380V 50Hz 5,6 Amp 2,2 kW / 220V 50Hz 9,6 Amp 2,2 kW)

Power supply

Fuse (qty).....: 1 Fuse (A)....: 80

El.Power1.....:	Pump 1: 380 V	(Hz).....:	50	(kW).....:		(A).....:	80
El.Power2.....:	Pump 2: 380 V	(Hz).....:	50	(kW).....:		(A).....:	32
El.Power3.....:	Pump 3: 380 V	(Hz).....:	50	(kW).....:		(A).....:	16

Starter.....: Industrial

Filter

Filter outlet (qty).....:	2	Filterhouse (type)..:	FF 7008 Q010.BS35.GT.24	Filterelement (type).:	FC 7008.Q010.BK
Filter inlet (qty).....:	1	Filterhouse (type)..:	Parker FK 1093 Q010.BA16.GX24	Filterelement (type).:	FC 1093 Q003.BS / R726G03P

Additional information

Equipment / Functions.....: Unit is q/w 3 pumps:
Pump 1 (Axial piston Vickers F3-PV130-P-R-1-1/11/HP): 190 ltr/min / 210 bar (El. Power: 80A, 380V, 50 Hz)

Pump 2 (Pinion Truninger QT25-005 R/VFM): 7 ltr/min / 350 bar (El. Power: 32A, 380V, 50 Hz)
Motor for pump 2: VEM KMER 132 S4 (380V 50Hz 12,5 Amp 5,5 kW / 220V 50Hz 21 Amp 5,5 kW)

Pump 3 (Pinion Dowty 2PL 090 CPDFBN: 40 ltr/min / 10 bar) (El. Power 16A, 38+V, 50Hz

Pump 2 is a high-pressure pump with separate outlet (common return).
Level switch and. temp. switch. Permanent UCC monitor with temp., pressure and flow.