Unit no. FU-62

IKM Testing AS

OIL FLUSHING UNIT

Dimensions

Length(mm).....: 1500 Width(mm).....: 1100 Height(mm).....: 1410
Weight (kg).....: 1350
Lifting/ Transportation.....: Frame with forklift channels and wheels (Ref. serial no. frame : FU-62)

Construction year

Built.....: 2009

Area of use / certification

Onshore/offshore.....: Offshore
Standard.....: Offshore Zone 1, In acc. to: Norsok Z-015, ATEX

Flow / Pressure / Volume

Tank Volume (ltr).....: 300
Hz v Q-max measure.....: 50 Q-max (l/min).....: 95
Flowrate1.....: 60 ltr/min @ 210 Bar (50 Hz)
Flowrate2.....: 95 ltr/min @ 150 Bar (50 Hz)
Flowrate3.....: 95 ltr/min @ 100 Bar (50 Hz)
Min. viscosity (cst).....: 12
Max. Viscosity (cst).....: 100
Max temp. (GrC).....: 55

Connections

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

Pump(s)

Pump1 (type).....: Moog RKP-II Radial Piston Pump HKR18
D954K224710RKP063KC21S2 Y00
II --/2 GD IIA
Pump1 (Cert. No.).....: BVS06ATEXHB052

Motor / Engine(s)

Motor1 (type).....: ATB BD200L-4 (Ser. No: 491717001)
EEx de IIB T4 IP 56
Motor1 (Cert. No.).....: PTB99 ATEX 1091

Power supply

El.Power1.....:	400 VD	(Hz).....:	50	(kW).....:	30	(A).....:	53
El.Power2.....:	690 VY	(Hz).....:	50-60	(kW).....:	30	(A).....:	31
El.Power3.....:	400 VD	(Hz).....:	60	(kW).....:	30	(A).....:	52
El.Power4.....:	440-480 VD	(Hz).....:	60	(kW).....:	34,5	(A).....:	55-51
El.Power5.....:	660-690 VY	(Hz).....:	60	(kW).....:	30	(A).....:	32-30

Starter.....: GHG 6645 (Ser. No: 09-001)
EEx de IIC T6 PTB 98 ATEX 1054U
NEMKO No: 09ATEX2074

Filter

Filter outlet (qty).....: 1 Filterhouse (type).: FF7006.Q010.BS35.GT20 (400 Bar MWP) Filterelement (type).: FC7006.Q010.BK / D721G03A
Filter inlet (qty).....: 1 Filterhouse (type).: Parker FF1146.Q010.BS35.GT20 (40 Bar MWP) Filterelement (type).: FC7006.Q010.BK / D721G03A

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Additional information

Equipment / Functions.....: Recommended viscosity: 16 – 46 cst.

Recom. max back up fuse:
660-690V: 63 A
400-480V: 63 “slow” fuse (D-characteristic, outlet for motorstarter, circuit-breaker)

Heat exchanger, Flowindicator, pressure regulator, pressuregauge, level glass, level guard, thermometer, breathing filter on tank, manhole, Sampling hangs on a separate BSP 1 "welded in unit so that you can take on sampling on the return line.