Unit no. FU-57

IKM Testing AS

OIL FLUSHING UNIT

Dimensions

Length(mm).....: 1500 Width(mm).....: 1000 Height(mm).....: 1340
Weight (kg).....: 820
Lifting/ Transportation.....: Frame with forklift channels

Construction year

Built.....: 2007

Area of use / certification

Onshore/offshore.....: Offshore
Z-015 (type).....: U99
Standard.....: Z-015, Sone 1, ATEX II2G EEx de IIB T4

Flow / Pressure / Volume

Tank Volume (ltr).....: 360
Hz v Q-max measure.....: 50 Q-max (l/min).....: 65
Flowrate1.....: 65 ltr/min @ 250 Bar (50 Hz)
Flowrate2.....: 65 ltr/min @ 200 Bar (50 Hz)
Flowrate3.....: 65 ltr/min @ 150 Bar (50 Hz)
Min. viscosity (cst).....: 12
Max. Viscosity (cst).....: 100

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 (Serial no. DA55212)
Pump1 (Cert. No.).....: BVS06ATEXH/B052

Motor / Engine(s)

Motor1 (type).....: ATB / F&G BD200L-4 II2G (Serial no. 467139003)
II2G Exde IIB-T4 IP56
Motor1 (Cert. No.).....: PTB 99 ATEX 1091

Power supply

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

Starter.....: Trade Tech Ceag GHG 6645
EEx de IIC T4 Sert.no.: Nemko 06ATEX 2378

Filter

Filter outlet (qty).....:	1	Filterhouse (type).:	Ff7006 q010 BS35 GT20	Filterelement (type).:	D141G03A
Filter inlet (qty).....:	1	Filterhouse (type).:	Ff1146 q010 BS35 GT20	Filterelement (type).:	D141G03A

Additional information

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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, flowmeter, outlet for samples, manhole cover in tank, level gauge, level guard and leak with separate valve ½” BSP.
Frame build in SS304, tank in SS316.

Flowmeter, pressure gauge, level glass, thermometer, sampling