Unit no. FU-51

IKM Testing AS

OIL FLUSHING UNIT

Dimensions

Length(mm).....: 1700 Width(mm).....: 800 Height(mm).....: 1850
Weight (kg).....: 600
Lifting/ Transportation.....: Frame with forklift channels

Construction year

Built.....: 1995

Area of use / certification

Onshore/offshore.....: Offshore
Standard.....: Eexde IIC T4 zone 1, In acc. to Norsok Z-015

Flow / Pressure / Volume

Tank Volume (ltr).....: 350
Hz v Q-max measure.....: 60 Q-max (l/min).....: 110
Flowrate1.....: 45 ltr/min @ 210 Bar (50 Hz)
Flowrate2.....: 95 ltr/min @ 100 Bar (50 Hz)
Flowrate3.....: 105 ltr/min @ 50 Bar (50 Hz)
Min. viscosity (cst).....: 10
Max. Viscosity (cst).....: 160
Start Viscosity (cst).....: 1600

Connections

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

Pump(s)

Pump1 (type).....: Denison PVT-29

Motor / Engine(s)

Motor1 (type).....: Bartec Varnost 4KTC 180 M-4
II2G EEx de IIC T4 IP56 (Cert. No: PTB 05 ATEX 1054)
Motor1 (Cert. No.).....: 200833454

Power supply

El.Power1.....:	380-415 VD	(Hz).....:	50	(kW).....:	18,5	(A).....:	35,3
El.Power2.....:	660-720 VY	(Hz).....:	50	(kW).....:	18,5	(A).....:	20,4
El.Power3.....:	380-415 VD	(Hz).....:	60	(kW).....:	18,5	(A).....:	36,3
El.Power4.....:	660-690 VY	(Hz).....:	60	(kW).....:	18,5	(A).....:	21
El.Power5.....:	440-480 VD	(Hz).....:	60	(kW).....:	21,3	(A).....:	35,2

Starter.....: Ceag GHG 6645 (Ser. No: 41328)
Eexde IIC T5 IP-65
400-690 V 50-60 Hz Max load: 125 A

Filter

Filter outlet (qty).....: 1 Filterhouse (type).: Parker 70T210QBPKG201 Filterelement (type).: D141G03A/P167842/938 777Q
Filter inlet (qty).....: 1 Filterhouse (type).: Parker RF-22 Filterelement (type).: PARKER 932692Q

Additional information

Equipment / Functions.....: Flowmeter, manometer, level glass, thermometer, sampling