Unit no. FU-41

IKM Testing AS

OIL FLUSHING UNIT

Dimensions

Length(mm).....: 6100 Width(mm).....: 2500 Height(mm).....: 2600
Weight (kg).....: 4200
Lifting/ Transportation.....: 20' container with forklift channels.

Construction year

Built.....: 1998

Area of use / certification

Onshore/offshore.....: Onshore
Standard.....:

Flow / Pressure / Volume

Tank Volume (ltr).....: 3500
Hz v Q-max measure.....: 50 Q-max (l/min).....: 512
Flowrate1.....: 140 ltr/min @ 200 bar (50Hz)
Flowrate2.....: 200 ltr/min @ 50 bar (50Hz)
Flowrate3.....: 510 ltr/min @ 45 bar (50Hz)
Min. viscosity (cst).....: 15
Max. Viscosity (cst).....: 162
Start Viscosity (cst).....: 862

Connections

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

Pump(s)

Pump1 (type).....: Denison P09 2R1A C10 (Piston pump 140ccm max 420 Bar)
Pump1 (Cert. No.).....: 7D16-0129
Pump2 (type).....: Denison T7ES 066 3R00 A100 (Vane pump 213ccm)
Pump2 (Cert. No.).....: 09K20-91

Motor / Engine(s)

Motor1 (type).....: Mez Fren Stat KF 250 M 04 056H IP55

Power supply

El.Power1.....: 380 (Hz).....: 50 (kW).....: 55 (A).....:
El.Power2.....: 440 (Hz).....: 60 (kW).....: 63 (A).....:
Starter.....: Industrial

Filter

Filter outlet (qty).....: 2 Filterhouse (type)..: FF 7008.F010.BS35.GL24 Filterelement (type).: FC 7008 F003 BC, D143G03A
Filter inlet (qty).....: 2 Filterhouse (type)..: FF 1302.F003.BA35.GL32 Filterelement (type).: FC 1302 F003 BS, R432G03A
Filter Internalcirculation (qty).....: 2 Filter (type).....: FF1148.Q010.BS35.GT24 Filterelement (type).: FC 7008.Q010.BK, D143G03A

Additional information

Equipment / Functions.....: Breathing filter : UCC

Utility room with 2 workbenches, flow indicator, thermometer, 1” BSP tank filling vonnection, sampling