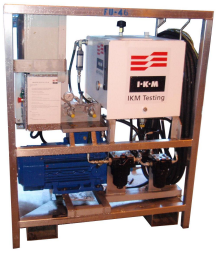
Unit no. FU-46

IKM Testing AS



OIL FLUSHING UNIT

Dimensions

Length(mm).....: 1300 Width(mm).....: 800 Height(mm).....: 1720
Weight (kg).....: 700
Lifting/ Transportation.....: Frame with forklift channels

Construction year

Built.....: 1983
Upgraded/rebuilt.....: 2011

Area of use / certification

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

Flow / Pressure / Volume

Tank Volume (ltr).....: 100
Hz v Q-max measure.....: 60 Q-max (l/min).....: 30
Flowrate1.....: 3 ltr/min @ 200 Bar (50 Hz)
Flowrate2.....: 6 ltr/min @ 150 Bar (50 Hz)
Flowrate3.....: 15 ltr/min @ 100 Bar (50 Hz)

Connections

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

Pump(s)

Pump1 (type).....: Casappa Tandem

Motor / Engine(s)

Motor1 (type).....: ABB LV Motors M3KP 160 MLG4 (Eexd IIB T4) (Ser. no. 3GF10049800)
Motor1 (Cert. No.).....: LCiE 09 ATEX 3004X / LCiE 00 ATEX 6023

Power supply

El.Power1.....:	400 VD	(Hz).....:	50	(kW).....:	22	(A).....:	43,1
El.Power2.....:	415 VD	(Hz).....:	50	(kW).....:	22	(A).....:	42,8
El.Power3.....:	690 VY	(Hz).....:	50	(kW).....:	22	(A).....:	25
El.Power4.....:	400 VD	(Hz).....:	60	(kW).....:	25	(A).....:	42,6
El.Power5.....:	690 VY	(Hz).....:	60	(kW).....:	22	(A).....:	23,7

Starter.....: Fanal Exd Ex-2 / Stahl Exe 8125 (Ex II 2 EEx dem IIC T5) Ser.no: 58922
Nemko cert: Nemko 11.9297R
Ex 83/1079U/ PTB 00 ATEX 3116

Filter

Filter outlet (qty).....: 1 Filterhouse (type).: UCC Filterelement (type).: D140G03A / P169431
Filter inlet (qty).....: 1 Filterhouse (type).: UCC Filterelement (type).: D140G03A / P169431

Additional information

Equipment / Functions.....: Flowmeter, thermometer, level glass, leak at tank ½"BSP male, manhole in tank