



OIL FLUSHING UNIT

Dimensions

Length(mm).....	1500	Width(mm).....	1100	Height(mm).....	1850
Weight (kg).....	1350				
Lifting/ Transportation.....	Frame with forklift channels and wheels (Ref. serial no. frame : FU-79)				

Construction year

Built.....	2013
Upgraded/rebuilt.....	2019

Area of use / certification

Onshore/offshore.....	Offshore
Z-015 (type).....	U99
Standard.....	Offshore Z-015 Zone 1 ATEX II 2G Ex de IIB T4 ATEX II 2G C IIB T4

Flow / Pressure / Volume

Tank Volume (ltr).....	300		
Hz v Q-max measure.....	50	Q-max (l/min).....	117
Flowrate1.....	30 ltr/min @ 350 Bar (50 Hz)		
Flowrate2.....	50 ltr/min @ 250 Bar (50 Hz)		
Flowrate3.....	85 ltr/min @ 150 Bar (50 Hz)		
Min. viscosity (cst).....	12		
Max. Viscosity (cst).....	100		
Max temp. (GrC).....	60		

Connections

Inlet connection.....	1 ea 1" BSP Male
Outlet connection.....	1 ea 1" BSP Male

Pump(s)

Pump1 (type).....	AXIAL PISTON PUMP (Serial no 27526533/001) PVO92R1K4T1NSLC Ex II 2GD 135°C (T4)
Pump1 (Cert. No.).....	BVS 06 ATEX H/B 052

Motor / Engine(s)

Motor1 (type).....	Bartec Varnost 4KTC 200 L-4 (Serial No: 201383303) Ex II 2G Ex de IIC T4
Motor1 (Cert. No.).....	PTB 09 ATEX 1119X

Power supply

EI.Power1.....	D 380-415 VAC (Hz).....	50	(kW).....	30	(A).....	53
EI.Power2.....	Y 660-720 VAC (Hz).....	50	(kW).....	30	(A).....	31
EI.Power3.....	D 380-415 VAC (Hz).....	60	(kW).....	30	(A).....	54,6
EI.Power4.....	Y 660-690 VAC (Hz).....	60	(kW).....	30	(A).....	31,5
EI.Power5.....	D 440-480 VAC (Hz).....	60	(kW).....	34,5	(A).....	53,3
Control Panel.....	Stahl 8264/-222-3110 (Serial no 73950.1-EC-001) Ex II 2G Ex de IIB T5 Sert.no Nemko 13 ATEX 2095					

Filter

Filter outlet (qty).....	1	Filterhouse (type):	D141G03A	Filterelement (type):	FC7006.Q010.BK / P167842 / D141G03A
--------------------------	---	---------------------	----------	-----------------------	--

Unit no. FU-79



Filter inlet (qty).....: 1 Filterhouse (type): D141G03A

Filterelement (type): FC7006.Q010.BK /
P167842 / D141G03A

Additional information

Equipment / Functions.....: Rebuilt with new pump in 2019

Recommended viscosity: 16 – 46 cst.

Recom. back up fuse:

660-690V: 63 A

400-480V: 63 "slow" fuse (D-characteristic, outlet for motorstarter, circuit-breaker)

Heat exchangers, flow meters, manhole on top of tank, level gauge, level switch