



## 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-92)				

### Construction year

Built.....: 2014

### Area of use / certification

Onshore/offshore.....:	Offshore
Z-015 (type).....:	U99
Standard.....:	Offshore Zone 1 Z-015 ATEX II 2G cbk IIA T4 ATEX II (1)2G EEx de mb [ia] IIB T4

### Technical information

Tank Volume (ltr).....:	300		
Hz v Q-max measure.....:	60	Q-max (l/min).....:	117
Flowrate1.....:	34 ltr/min @ 320 Bar (50 Hz)		
Flowrate2.....:	55 ltr/min @ 250 Bar (50 Hz)		
Flowrate3.....:	100 ltr/min @ 150 Bar (50 Hz)		
Max temp. (GrC).....:	60		

### Connections

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

### Pump(s)

Pump1 (type).....:	Kawasaki K3VL80/B-1NRMM-PO71-H4 (Art.no 740379) Ex II 2G cbK IIA T4 Cert.no: Declaration of Conformity
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### Motor / Engine(s)

Motor1 (type).....:	Bartec Varnost 4KTC 200 L-4 (Serial No 201495927) 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.....:	CEAG GHG641/ERS1000000R1216 (Ser.no 74803.300-EC-003) Ex II 2G EEx de [ia] IIB T4 Cert.no Nemko 14 ATEX 2061					

### Filter

Filter outlet (qty).....:	1	Filterhouse (type):	FF7006.Q010.BS35.GT20D	Filterelement (type):	FC7006.Q010.BK / P167842 / D141G03A
Filter inlet (qty).....:	1	Filterhouse (type):	17445M210QBPKG201	Filterelement (type):	FC7006.Q010.BK / P167842 / D141G03A

### Additional information

Equipment / Functions.....: Unit for Mineral Oil

Max fluid temperature in tank : 60°C  
Max fluid temp. in pump : 70°C

Recom. back up fuse:  
660-690V: 63A  
400-480V: 63A "slow" fuse (D-characteristic, outlets for motor starter, circuit breaker)

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