



elvos®

Slops treatment





Improve the volume of waste streams being treated at source with elvos®.

OSSO's solution, elvos® provides a superior method for handling oily water waste streams at source. Through a harmonious process of mechanical and specialised chemical separation, the goal of waste minimisation is realised by returning treated water back to the environment and recycling the oil phase where possible.

Having been fully tested and utilized in the field, this proven approach has consistently lowered the ppm level of the hydrocarbon content in the water discharge to below regional legislation requirements.



Benefits:

- Improve the environmental impact from drilling operations
- Minimise waste disposal costs
- Reduce consumable usage – mechanical separation
- Reduce ship and skip costs through waste minimisation



Scope of use:

- Deck drains
- Drill floor slops treatment
- Residual waste streams
- Slop oil treatment



Technical specifications

Dimensions

Length	3.4m
Width	2.2m
Height	3m
Weight	6500kg (with decanter)

Design

Pressure	atmospheric
Temperature	100°C

Materials

Piping	Mild Steel
Support frame	Mild Steel
Wetted parts in Centrifuge*	Stainless steel

Connections

Feed in	1 ½" - 2" Ansi 150LB
Water out	1 ½" - 2" Ansi 150LB
Oil out	1 ½" - 2" Ansi 150LB
Air	1" Ansi 150LB
Fresh water	1" Ansi 150LB

Utilities

Instrument air	7 bar
Potable water	2-4 bar
Electricity supply	400/480 V/60 Hz/100A

*Filters: Stainless steel

Options

Inline, real-time hydrocarbon analyser – ISO 9000 certified, California EPA certified, USCG certified, IMO certified MEPC 107/49, ATEX certified.

Hydrocarbon analyser can also be correlated against OSPAR reference method for approval for DECC. Container heater/air conditioning.

Our Services



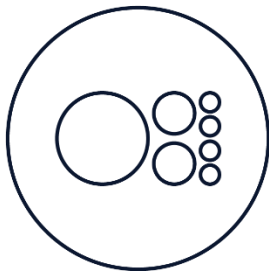
Consultancy

- Technical authorities
- Highly skilled and competent field engineers
- Unrivalled service
- Survey and inspection
- Fluid and fuel analysis



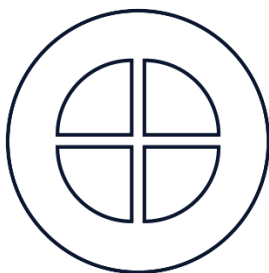
Fluid Temperature Control

- Onshore mud-coolers
- Offshore mud-coolers
- Zone rated equipment
- Design and development
- Remotely monitored and operated coolers



Fluid Separation

- Decanter centrifuges
- Disk stacks
- ATEX rated
- Zone rated
- Compliant with global standards



Repair and Maintenance

- OEM spare parts
- Servicing
- Repairs
- Refurb
- Maintenance programmes
- PHE service centre