

The CD92-SR: "Sludge Reduction System"

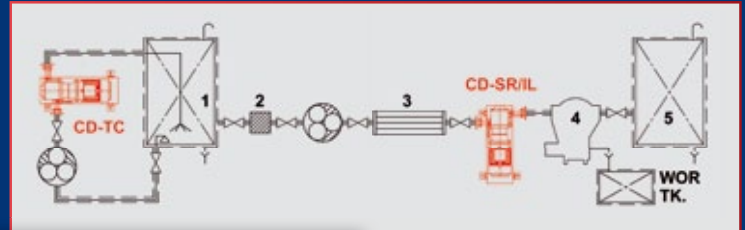
**No experiments.
Choose the Original.**

Meet the permanent rising of Fuel costs!

Protect your budget!

Ask for S.I.T CD92-Homogenizer!

Following see the potential of our CD92-System to reduce fuel costs.



CD-SR

1: F. O. Settl. Tk. 2: F. O. Filter 3: F. O. Heater 4: Separator 5: Serv. Tk.

Fuel Conditioning

The production of F.O. sludge is a direct function of the conventional fuel purification/separation process with regard to the function principle of the used technology, rotor-stator principle.

Conditioning (homogenizing) of the fuel prior to purification is the easiest way to solve this problem. Because of the well balanced fuel structure, the flushing sequences of the purifiers/separators can be extended to the maximum available time, which as a consequence will lead to a reduced sludge production down to less than 20% of the conventional amount.

Fuel conditioning (homogenization) prevents the agglomeration of asphaltenes. The result is that more fuel is passing the separator, which now is remarkable unloaded from the separation process. Considering these facts, fuel conditioning improves the fuel handling from the economic and the ecologic point of view.

Effects & Benefits...

- ✓ Reduced sludge build-up from F. O. Separators and F. O. Filters.
- ✓ Recovery of former sludge disposals as valuable operation fuel for us in both main engine and generator.
- ✓ Reduced bottom layers in F. O. Tanks.
- ✓ Extendable flushing intervals of F. O. Separators and F. O. Filters (reduced maintenance work, reduced spare parts requirements, less displacement of water, stable water seal, easier bowl cleaning, etc.).
- ✓ Installation possible without interference of operation.

**Only achievable with
CD92-Mycronizer.**



The Core of each CD92-system:
Different Application, same CD92-Homogenizer.



With our treatment process we don't add and don't withdraw anything from the fuels. The catfines remain untreated and further on maintained by purifiers and filters.

S.I.T establishes a new, improved technical standard in order to be able to continue to guarantee an economic and ecological use of heavy fuel oils in future.

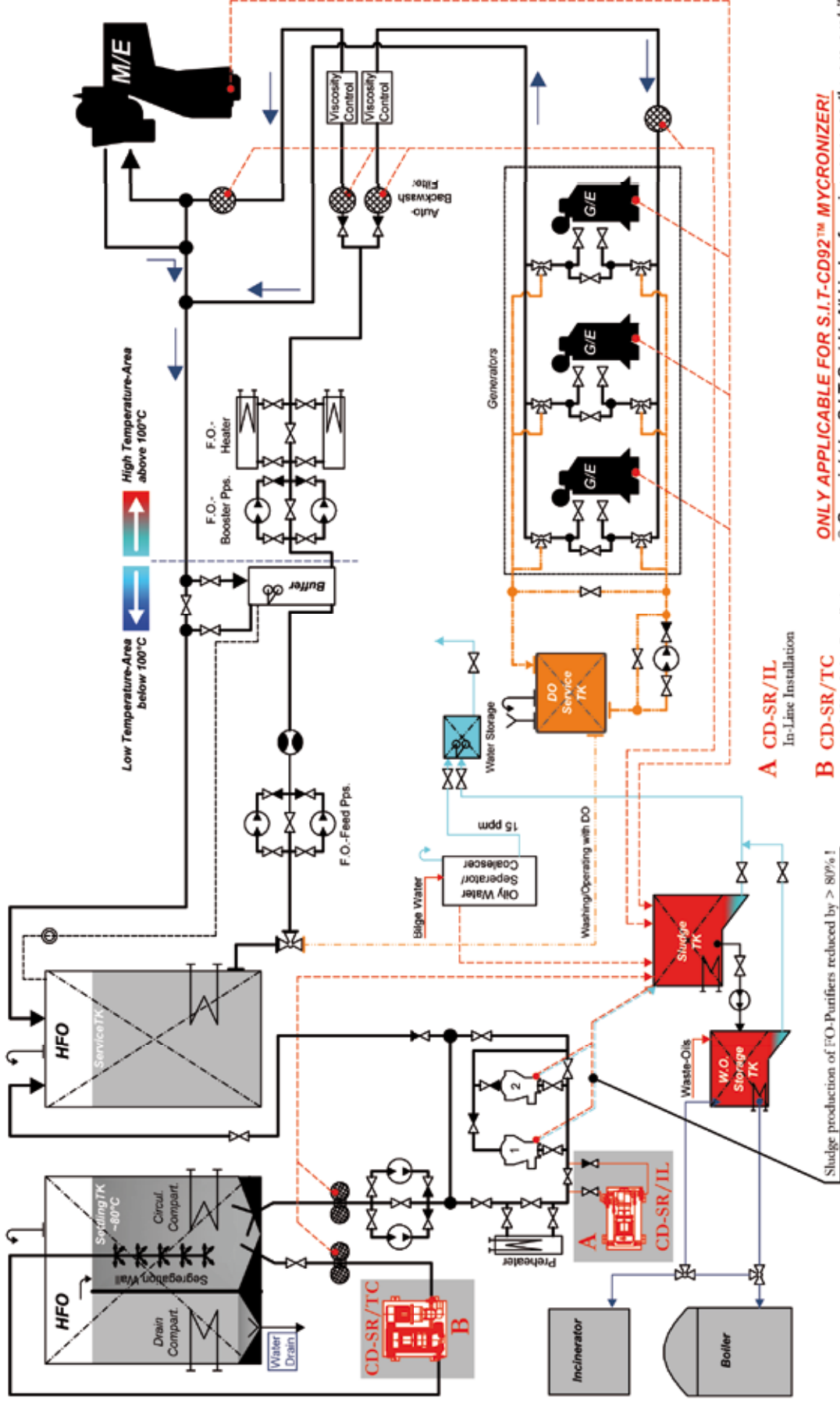
S.I.T systems are approved by class societies ABS & LR and complying with Marpol 73/78, IMO 2000 requirements.



MARPOL



The CD92-SR: "System-Description"



ONLY APPLICABLE FOR S.I.T-CD92™ MYCRONIZER!

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A CD-SR/IL
In-Line Installation

B CD-SR/TC
Tank Circulating Installation

Sludge production of FO-Purifiers reduced by > 80%!

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