

# Centrifuge decanters



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## **Slop Oil Applications**

# Slop Oil Applications



## Generate profit from Slop Oil *Treatment systems*



Oil is the engine of the world economy. The use of this very valuable resource, however, has consequences: the extraction, transportation and consumption of oil will have adverse effects on humanity and the environment.

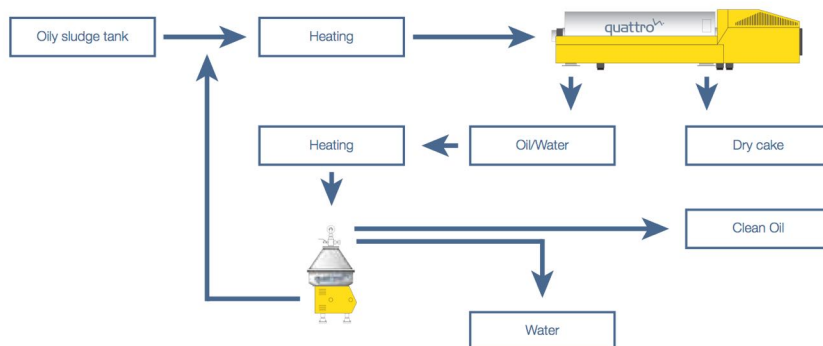
Wherever the oil is produced, processed or treated, are created simultaneously oily sludge and debris. The recovery of slop oil is the new frontier for the processing of waste oils produced in refineries. Generated by drainage and

cleaning processes, the slop oil is constituted only by a solid part, that commonly disposed, even by water and oil, which, thanks to the specific treatment with the decanter of quattro Separator, can be cleaned and reused.

A secure and advanced to reduce disposal costs, profitably through the conversion of the oil and protect the environment through the purification of the aqueous phase.

*Standard layout  
plant with decanter  
and disk stack  
centrifuge for slop-oil  
treatment in refineries.*

OGDE 424  
DSCE 70





# Slop Oil Applications

The decanter, the disc stack centrifuges and the effective systems offered by quattro Separator are ecological suitable solutions for the treatment of slop oil, and for the recovery of oil from the sludge lagoons.

Oily residues, including the oily sludge and wastewater from lagoons, sedimentation basins or from cleaning of storage tanks are treated with the quattro Separator tested systems.

The treatment can be carried out with the decanter in 2 or 3 phases, according to specific treatment needs. In the process with a 2 phases decanter, the first phase of separa-



*Automatic cleaning  
disk stack centrifuge  
suitable for  
mineral oil  
treatment*



tion of the solid from the liquid, following the separation of the two liquid phases (water and oil) through separator disc self-cleaning, and the purification of oily water through the water treatment systems.

The 3-phase decanter, instead, separates in a single process the solid phase, the water phase and the oil phase, making the latter available for mixing with crude oil to be processed in the refinery. The water, in this case, is purified from the treatment plant already existing.

*Centrifugal decanter  
OGDE 424-251 especially  
engineered for  
the separation of sludge  
from tanks bottom  
in refineries*



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Separator