

# Mator News

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Mator AS – the separation specialist

## Sand cleaning – a new approach



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*Cuttings from drilling and well activities, sand and other solid particles shall not be discharged to sea if the oil content of formation oil, other oil or base fluid in organic drilling fluid is more than **ten grams per kilogram** of dry matter.*

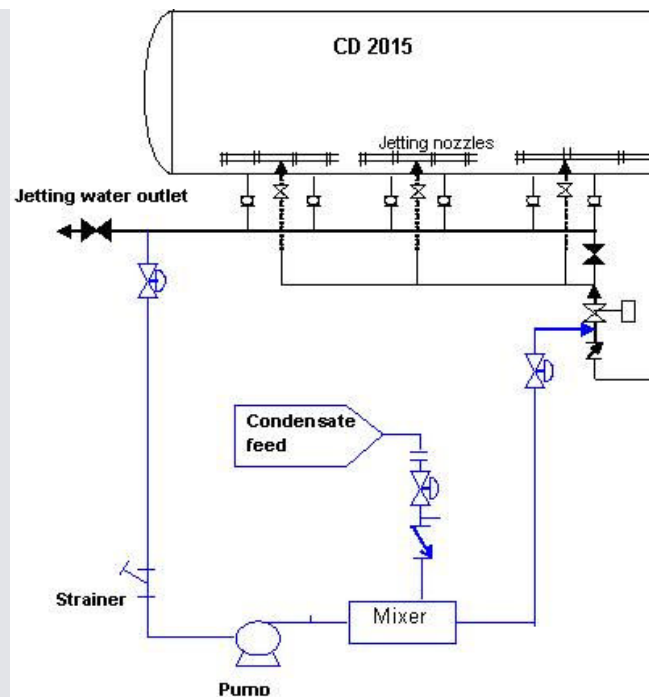
Mator has performed a successful full scale test on Statfjord C using condensate as a solvent for cleaning of jetting sand:

- recirculation of sand and jetting water
- injection and mixing of condensate
- oil/condensate separation and removal in existing CD2015 holding vessel.

The results were excellent:

- residual oil content on sand: **< 10 g/kg**
- residual oil content in jetting water: **< 10 ppm**
- one week accumulated jetting solids cleaned in less than 6 hours, total condensate consumption was approx. 1 m<sup>3</sup>

The work also provided valuable input and refinement to the problem of sampling and analyzing oil content on solids.



**The sand cleaning method is efficient and easily adaptable to different process layout scenarios. Please contact Mator AS for more information, possible evaluation for your application or any other problem areas within sand handling.**

### Recent Mator projects:

- ◆ Norsk Hydro Troll C: Fram separator capacity test with focus inlet cyclones
- ◆ Statoil Heidrun: Produced water flocculant test
- ◆ Statoil Gullfaks C: Well screening with focus on produced water quality
- ◆ PGS Foinaven: PWRI verification

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