

## Thermo-mechanical Cuttings Cleaner (TCC) 4-6



### FEATURES

Separates solids, oil and water

Heat generated by friction

Process temperature 260 - 300 °C

Recovered water cools & hydrates treated cuttings

Activated carbon filter for adsorption of non-condensed gases

Designed and constructed in Norway to European standards

### BENEFITS

Enables reuse of recovered base oil

No naked flame or hot spots

Recovered base oil not cracked

Minimal water to dispose of

No harmful emissions

High quality and reliability

### SPECIFICATIONS

Criteria	Performance
Capacity	4 to 6 tonnes/hour depending, primarily, on water content
Maximum oil content in dry solids	<0.5% <sup>wt</sup> , typically < 0.2% <sup>wt</sup>
Water in dry solids	0%
Solids in water (dust)	<0.5%
Reduction in flash point of oil	<5°C
Solids (dust) in oil	<0.5%
Recovered oil reusable as base oil	90 -100% of input
Light fractions of oil handled separately	0-10% of input
Recovered water	Used to cool and rehydrate cuttings
1. The above TCC output is based on 70% solids, 20% oil & 10% water.	
2. Planned maintenance time for the TCC is typically 15 days per year.	
3. TCC is modular in design and mobile.	
4. AA Services operates an integrated management system certificated to ISO 9001, 14001 & 45001.	