



CLEAN OIL  
BRIGHT IDEAS

# Hydraulic Oil Cement Mixer

## CJC™ Application Study

Application Study  
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### CUSTOMER

Trondheim Betongpumping AS, 7095 Ler,  
Norway.

### THE SYSTEM

Hydraulics upon a cement mixer, hydraulic pump  
and valve system.

### THE PROBLEM

Contaminated oil causing valve blockage and  
pump failure. Hydraulic valves are often cleaned  
twice daily.

### THE SOLUTION

A CJC™ HDU 27/27 P-EM Mobile Filter with a  
Filter Insert B 27/27 (3 micron absolute).

### THE TEST

The HDU 27/27 P-EM was connected to a 25 L.  
bucket with contaminated oil. The oil was circu-  
lated overnight and the oil appearance became  
bright and clean.

### THE RESULT

The Mobile Filter is now circulated with regular  
intervals between 3 cement mixer lorries whilst  
parked overnight, with very good results.



Trondheim Betongpumping Cement Mixer.



HDU 27/27 P-EM Mobile

### COMMENTS

#### **Jens Paul Moe of Trondheim Betongpumping AS:**

*Jens Paul Moe says that previous problems with the hydraulic valves  
and pumps no longer occur. It has not been necessary to change oil,  
only to top up as required.*

*"We have made savings on components and labour and the daily prob-  
lems we were experiencing have disappeared."*