



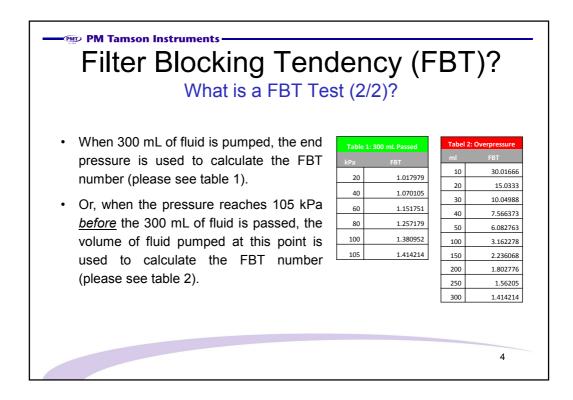
## Filter Blocking Tendency (FBT)? What is a FBT Test (1/2)?

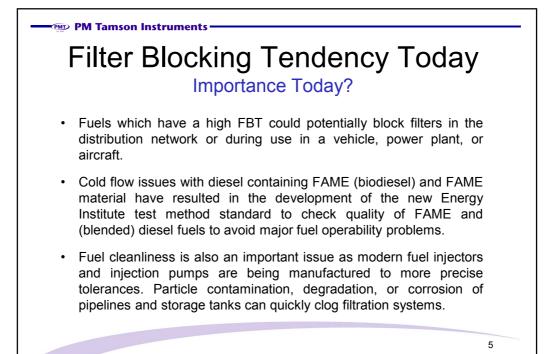
- FBT is a calculated dimensionless value that defines the tendency of particulates in a fuel to plug or block a filter.
- For this test\*, 300 mL of sample is pumped at a constant flow rate (20 mL/min) through a specified filter medium.
- Both pressure difference across the filter and the volume of fuel passing through the filter are monitored until the pressure reaches 105 kPa or the volume of fuel passing the filter medium reaches 300 mL.

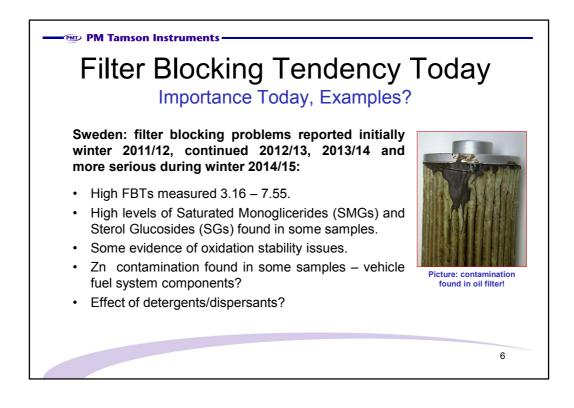


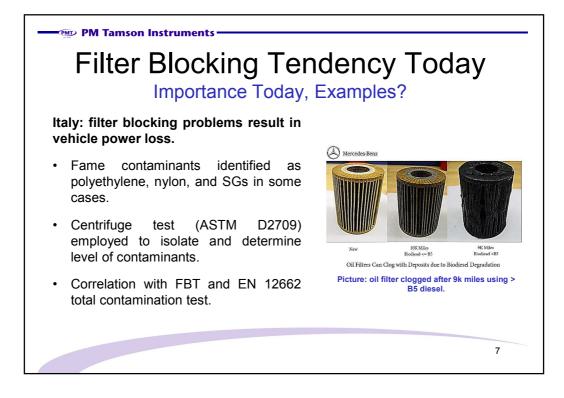
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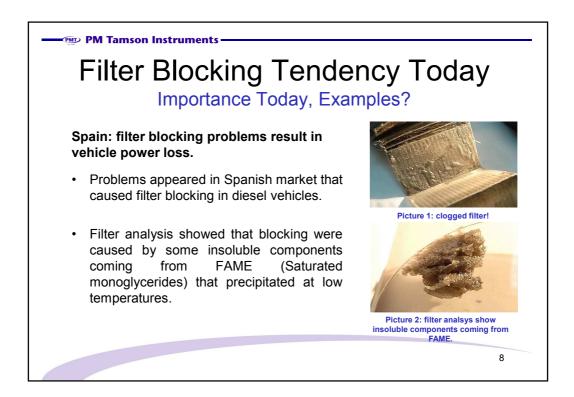
\*ASTM D2068 and IP 387

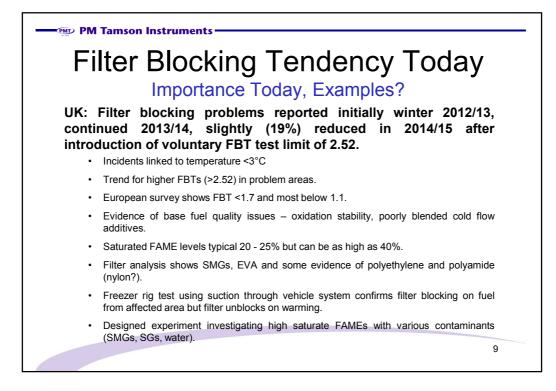


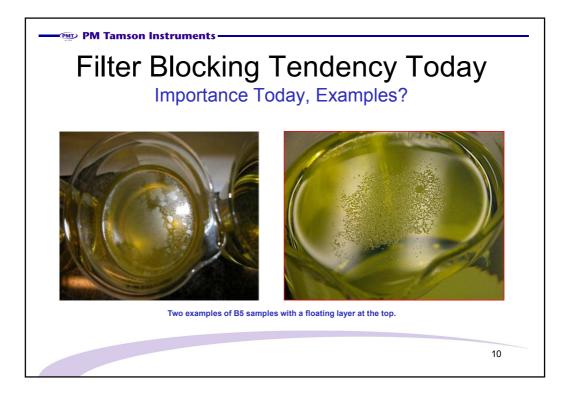


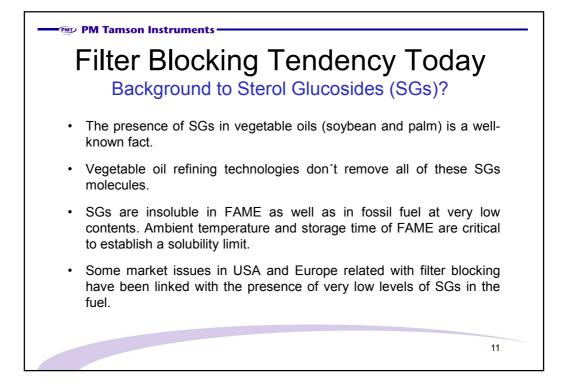


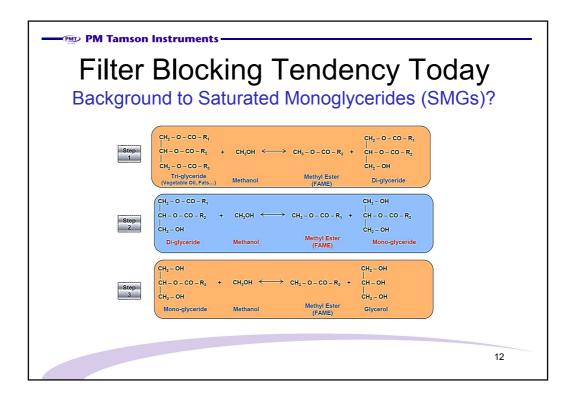


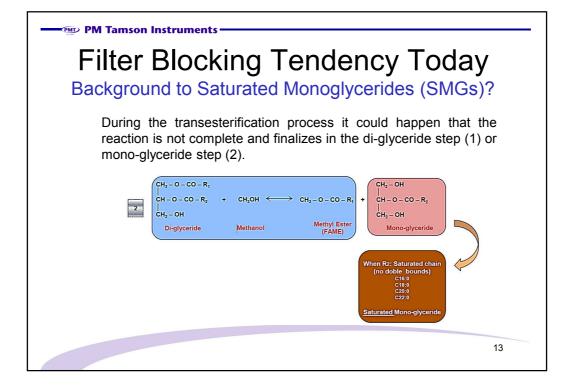


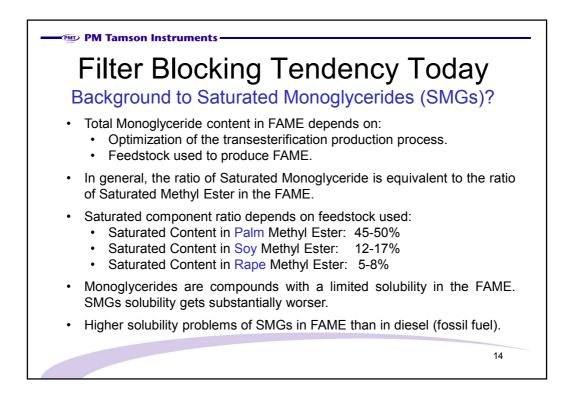


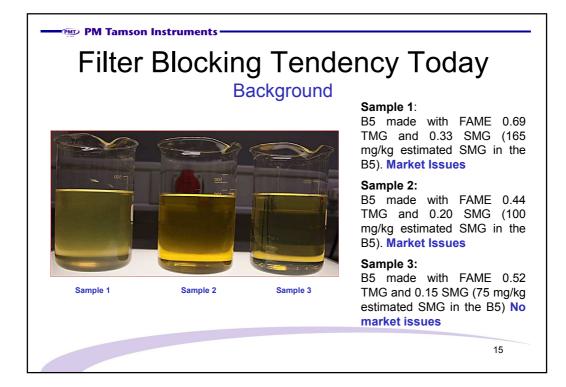


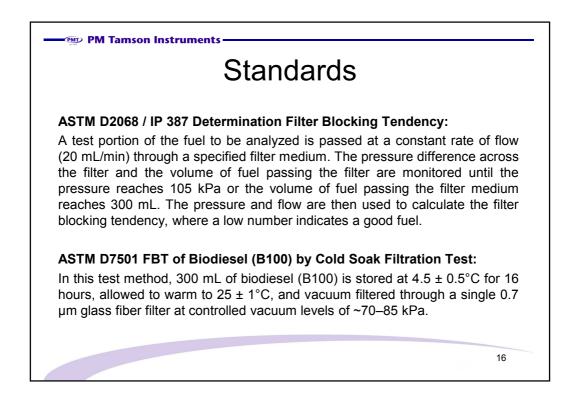


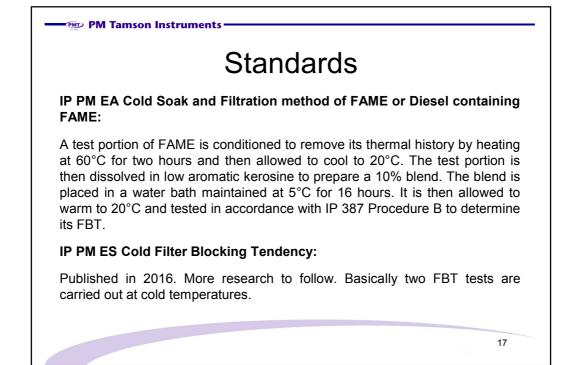


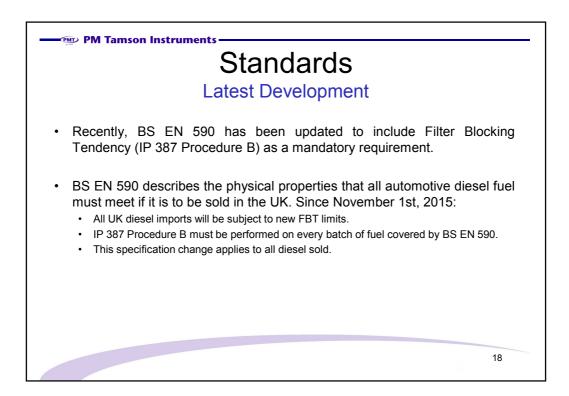


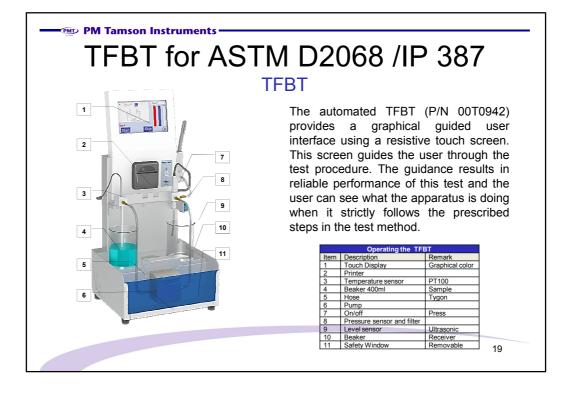


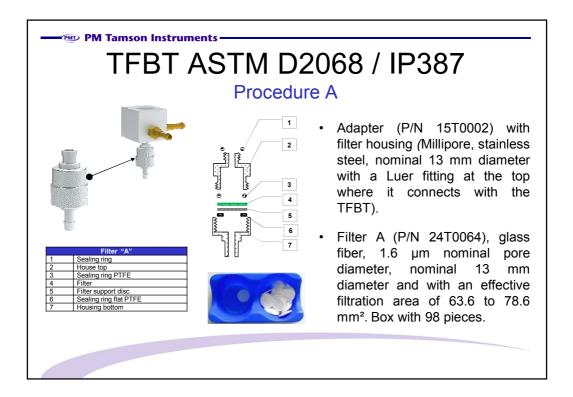




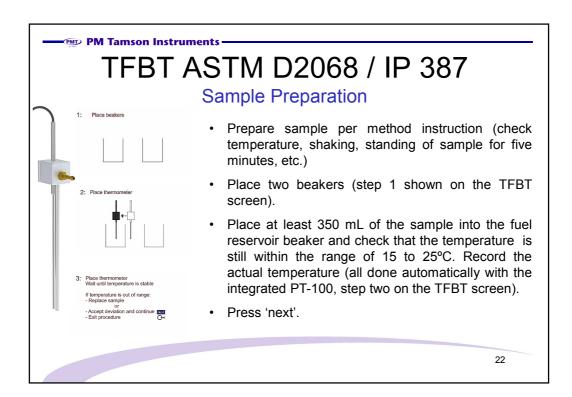


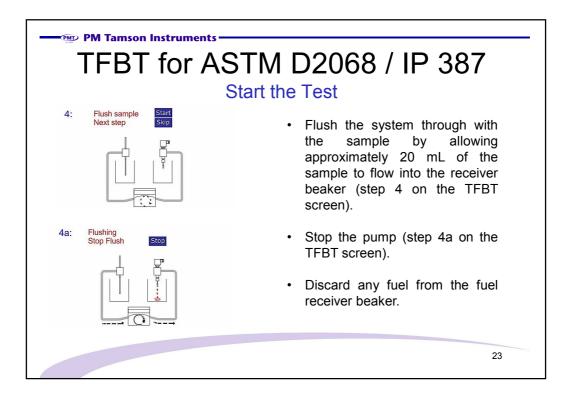


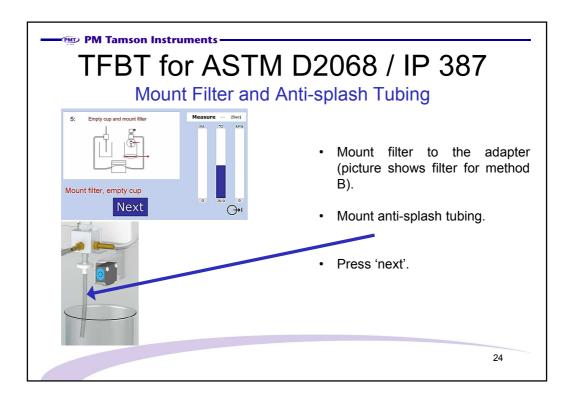


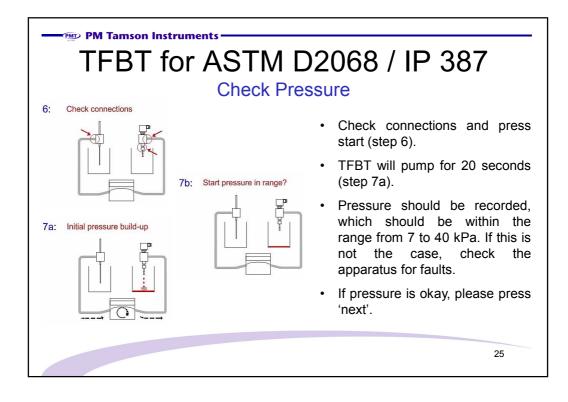


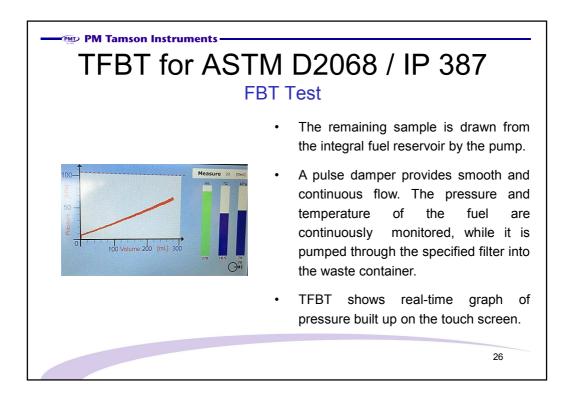


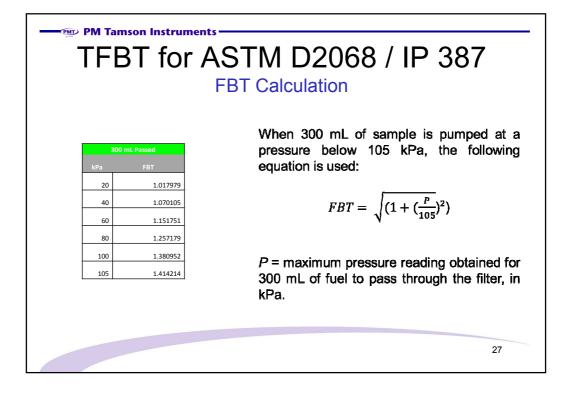


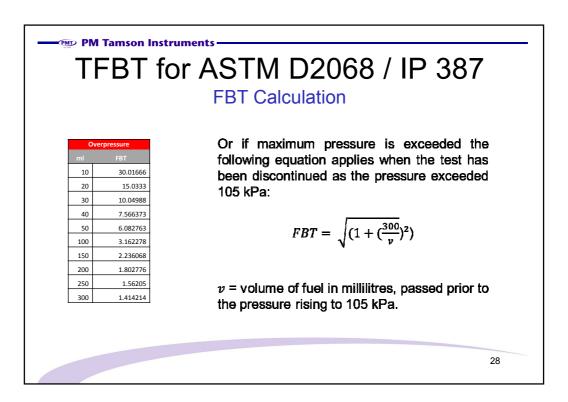


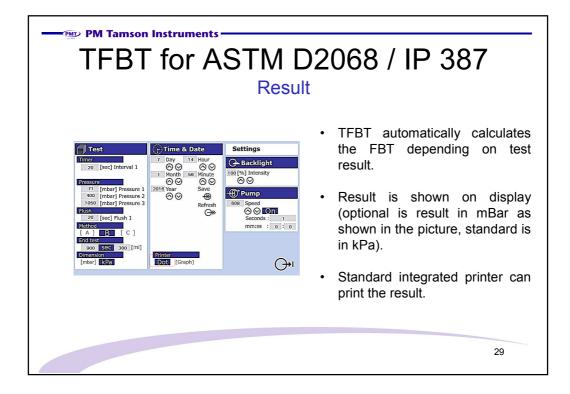


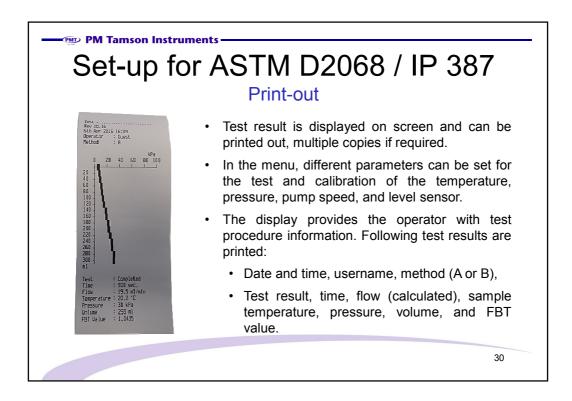


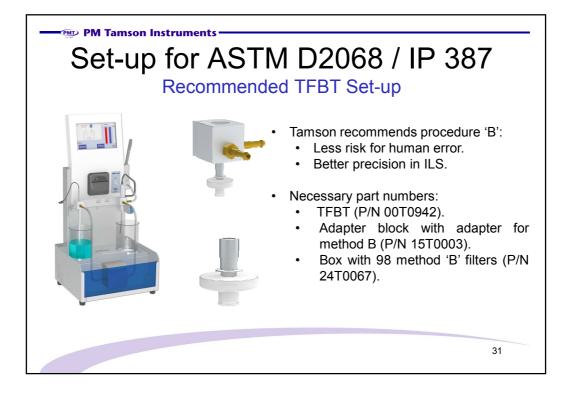


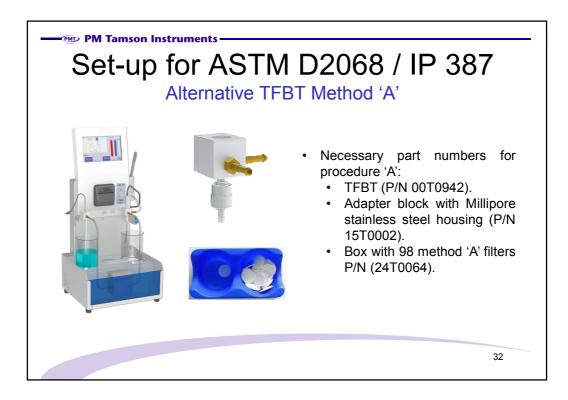


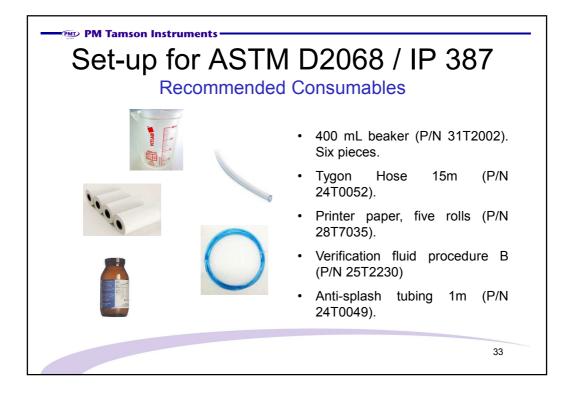


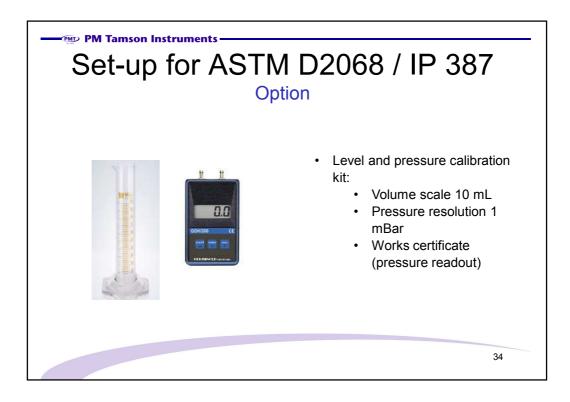


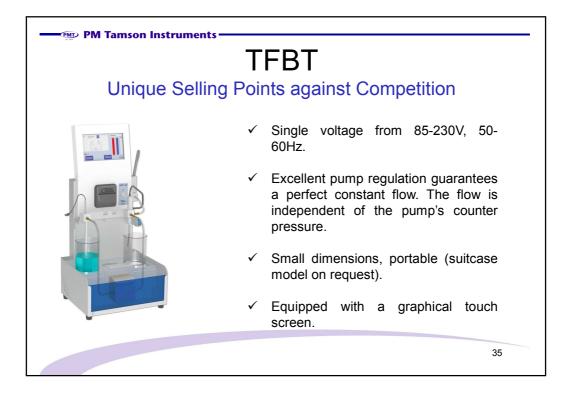


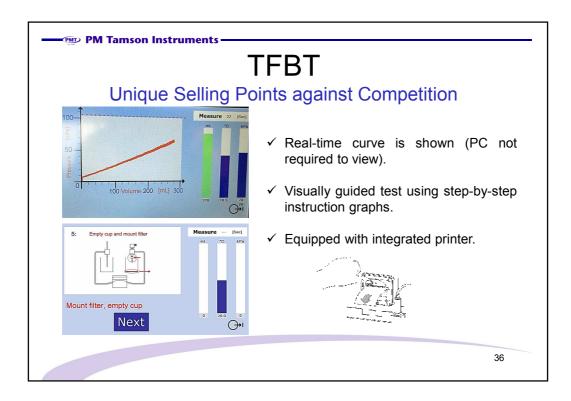


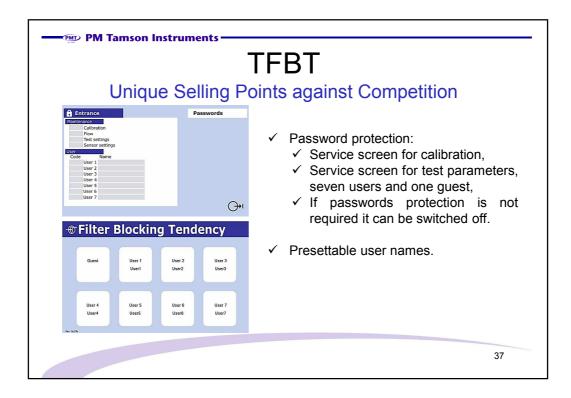


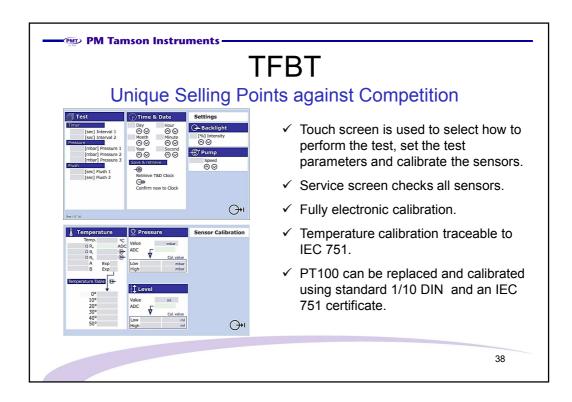


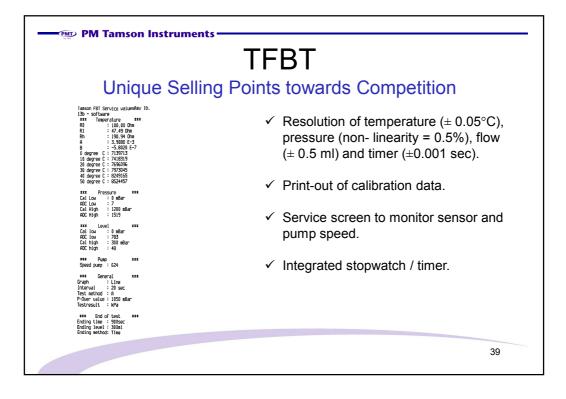














Cold Soak Filtration Test of Biodiesel			
Method	Cold Soak	k Test Real Heating of Sample	
IP PM EA, CEN N 403	+5°C for 16 hours	20°C for 2 hours	✓ Tamson TLB50 to keep samples at +4.5°C for 16 hours and heat it up to +25°C for 2 or
ASTM D7501	+4.5°C for 16 hours	25°C for 2 or 4 hours	4 hours
CGSB	+1°C for 16 hours	25°C for 2 hours	∫ ✓ Position for 12 x 500 mL jars
<ul> <li>Smart rack to position flasks</li> <li>Free Tamcom software plus labtop can regulate TLB50 to follow a presetted temperature curve (e.g. 16 hours @ 5°C and than 2 hours @ 20°C.</li> </ul>			
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