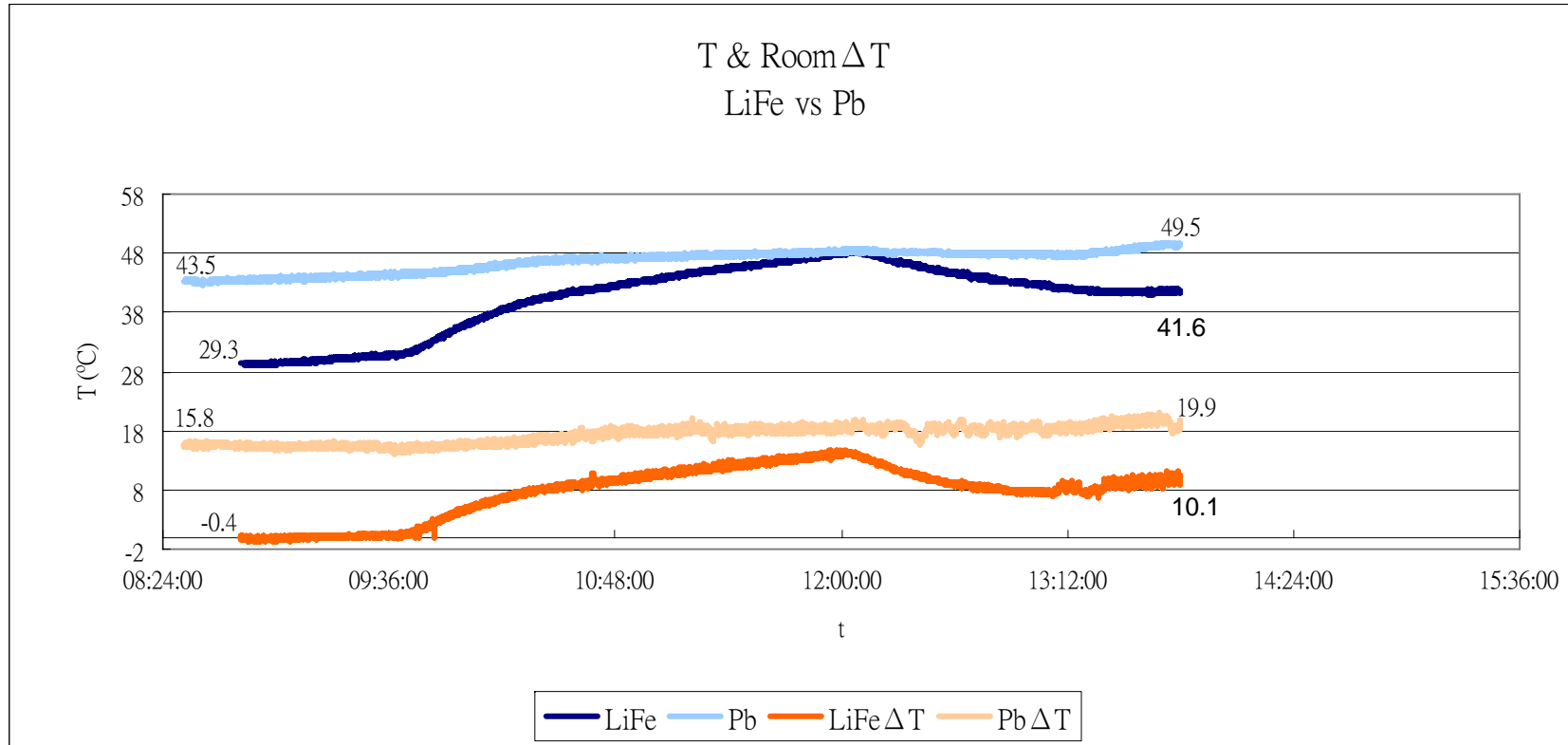




FORKLIFT COMPARISON		
FORKLIFT CONTROL VIRABLES		
FORKLIFT MODEL NAME	E43C	
TEST DISTANCE	50m	
LOADING	1000Kgw	
ITEM	LEAD ACID BATTERY	LITHIUM IRON BATTERY
BATTERY CAPACITY	48V 575 AH	48V 450AH
AVERAGE WORKING TIME	34.4 sec	31 sec
TOTAL WORKING DISTANCE	24.04 km	25.55 km
THE FIRST TEST	521(Cycles)	517(Cycles)
THE TENTH TEST	446(Cycles)	513(Cycles)
DECAY RATE	14.40%	0.77%

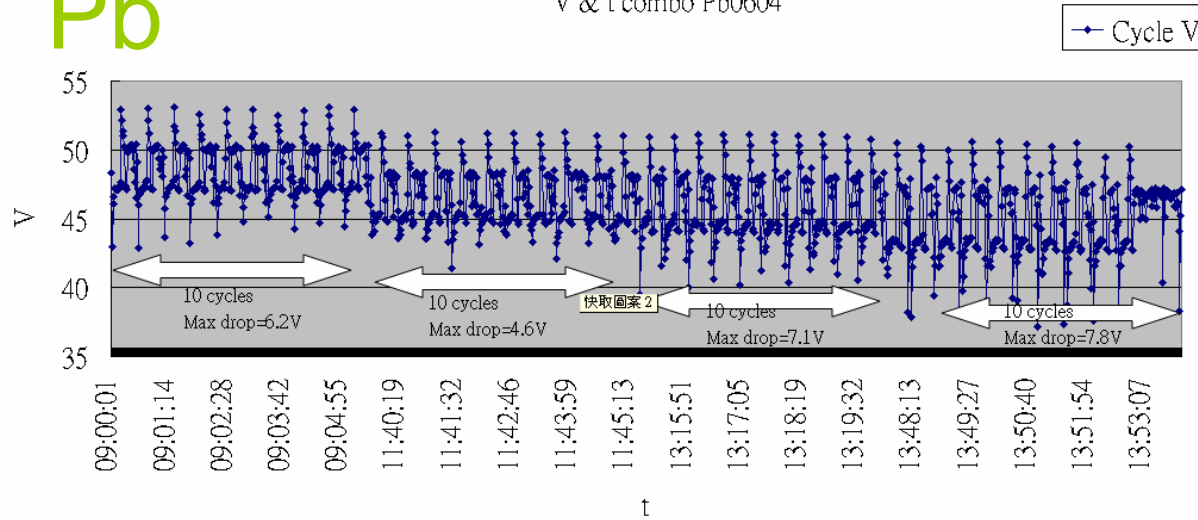


At the same condition, you can find that :Lead Acid Battery has high temperature (more than 25°C) during the working time. It will shorten the cycle-life seriously.

Stability > Pb and Fe Voltage drop combo charts

Pb

V & t combo Pb0604



1. The voltage drop of Pb (Lead acid battery) is bigger than LiFe battery.

2. For Pb battery, when the capacity is reduced, the voltage drop will be bigger.

Fe

V & t combo Fe0702

