

Equipment: Ten pulse oximeters from five different suppliers will be used, each supplier has also provided three pulse oximeter probes. The probes will be labelled one, two and three, in all cases probe three is used as a measurement control. Control probes will only be connected to oximeters for the time necessary to complete measurements, at all other times they will be kept in protective packaging within the same environment.

Implementation: The control probes will be included in all measurement procedures.

The study probes will be in continuous operation with a solid light path obstruction in place at all times except for when measurement are taken.

Detector Output:

Manufacturer	Probe ID Number	Detector Output RED ON (volts)	Detector Output INFRARED ON (volts)
Critikon	1		
Critikon	2		
Critikon	3		
Datex	1		
Datex	2		
Datex	3		
Ohmeda	1		
Ohmeda	2		
Ohmeda	3		
Nellcor	1		
Nellcor	2		
Nellcor	3		
Medical Cables	1		
Medical Cables	2		
Kontron	3		

Chart of Critikon

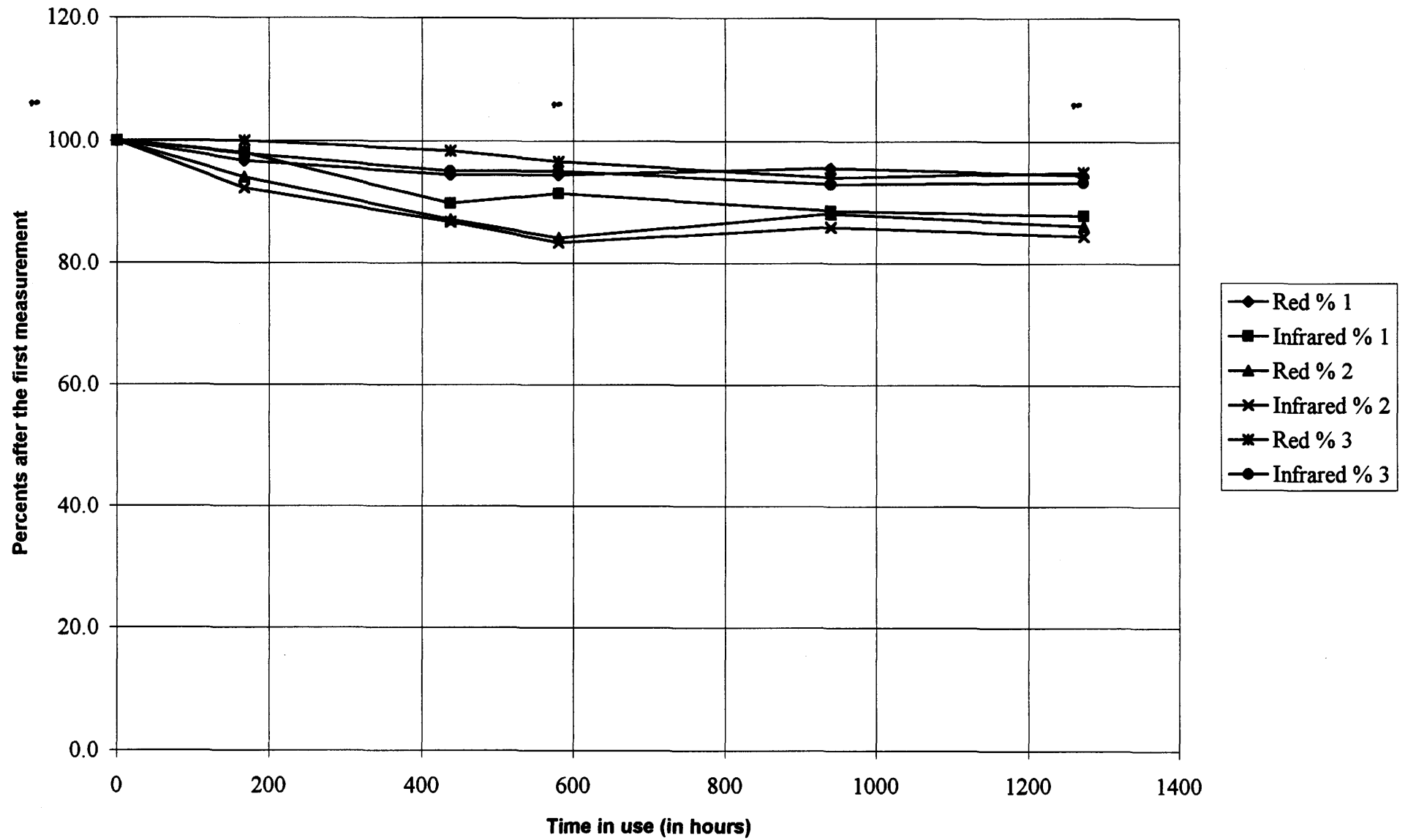


Chart of Datex

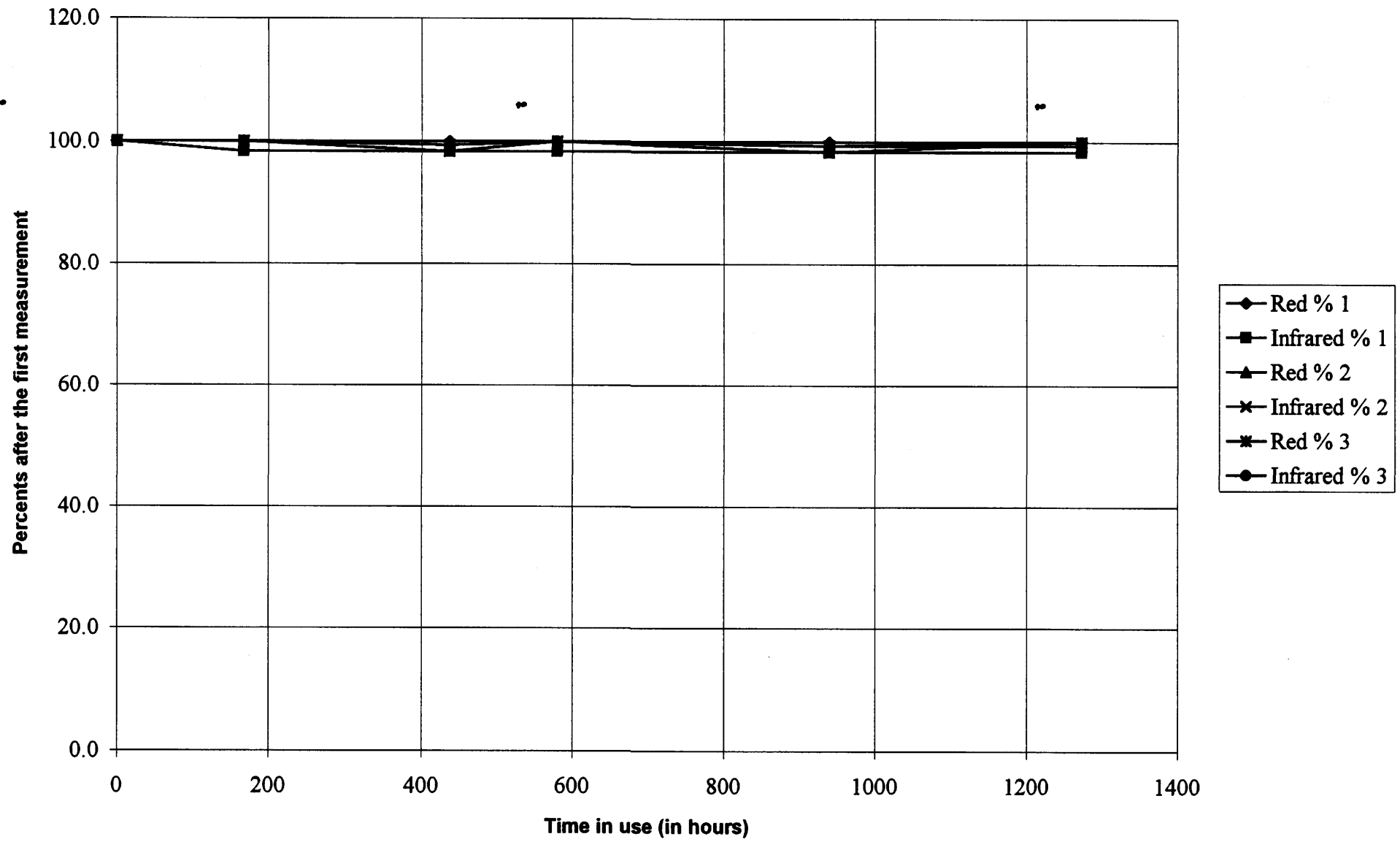


Chart of Kontron

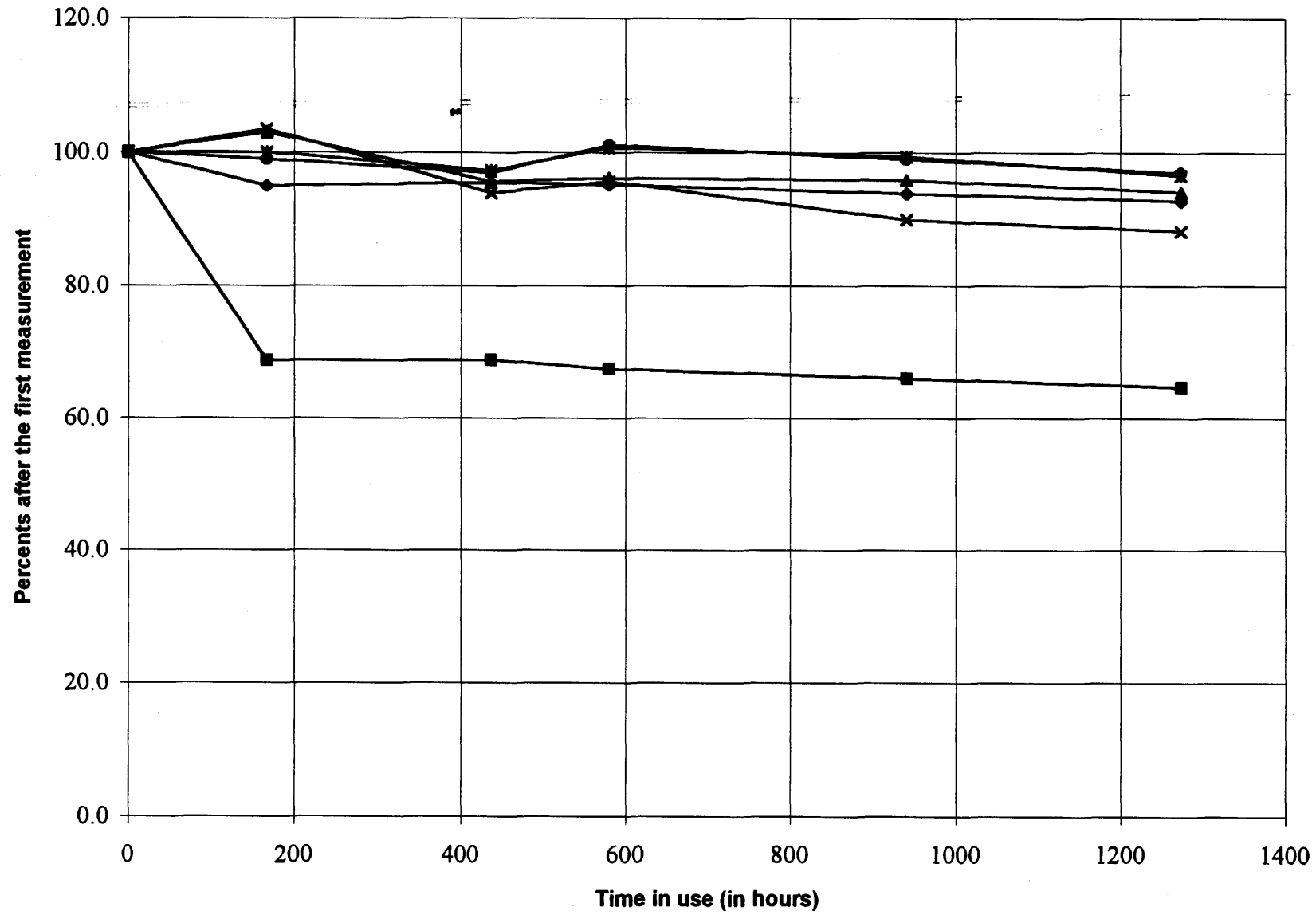


Chart of Nellcor

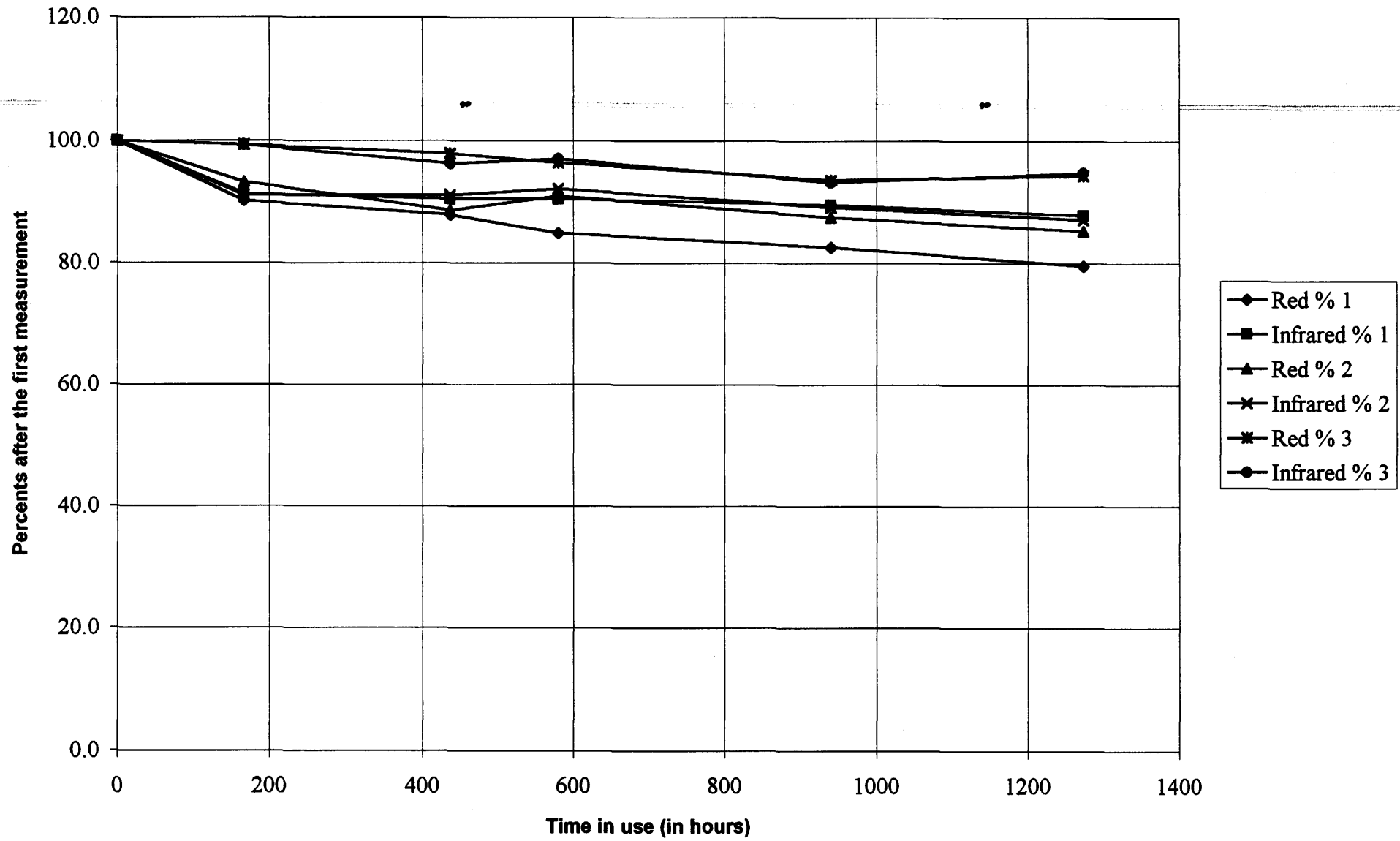


Chart of Ohmeda

