

15 kVA

D60 pole mount

Rise (°C)	mineral oil			FR3	Added Rise
	s/n 504	s/n 558	average	s/n 566	
Primary Winding	62.5	60.0	61.3	61.1	-0.1
Secondary Winding	61.4	64.0	62.7	64.0	1.3
Top Oil	50.6	50.9	50.8	51.8	1.1

225 kVA

cat # 790V09K26C

S/N 896005819

13200 - 480Y/277 V

Rise (°C)	170 kVA			225 kVA			300 kVA		
	mineral oil	FR3	Added Rise	mineral oil	FR3	Added Rise	mineral oil	FR3	Added Rise
Primary Winding	34.6	33.4	-1.2	48.2	49.4	1.2	70.9	70.6	-0.3
Secondary Winding	29.8	28.3	-1.5	40.7	38.9	-1.8	59.2	56.7	-2.5
Top Oil	26.9	21.9	-5.0	34.3	32.6	-1.7	49.2	45.5	-3.7

300 kVA

cat # 000E2P10K30A

S/N 0026000119

S/N 0026000120

Rise (°C)	mineral oil	FR3	Added Rise	Corrected for Difference in Losses
Primary Winding	64.7	66.4	1.7	0.1
Secondary Winding	61.3	64.3	3.0	1.5
Top Oil	48.0	53.3	5.3	3.7

1000 kVA

cat # 000COP13K68A

7200 - 277 V

S/N 0037001313

S/N 0037005026

Rise (°C)	mineral oil	FR3	Added Rise
Primary Winding	67.9	69.1	1.2
Secondary Winding	62.9	63.7	0.8
Top Oil	55.0	55.3	0.3

4000 kVA

cat # 0035WA17C21S

S/N 0026001866

Rise (°C)	OA 4000 kVA			FA 5000 kVA		
	mineral oil	FR3	Added Rise	mineral oil	FR3	Added Rise
Primary Winding	54.8	59.4	4.6	54.9	58.1	3.2
Secondary Winding	54.7	57.1	2.4	-	-	-
Top Oil	57.0	62.7	5.7	50.7	56.3	5.6
Ambient Temperature	25.0	25.0		25.0	26.0	

10 MVA

cat # 0067WA71A13S

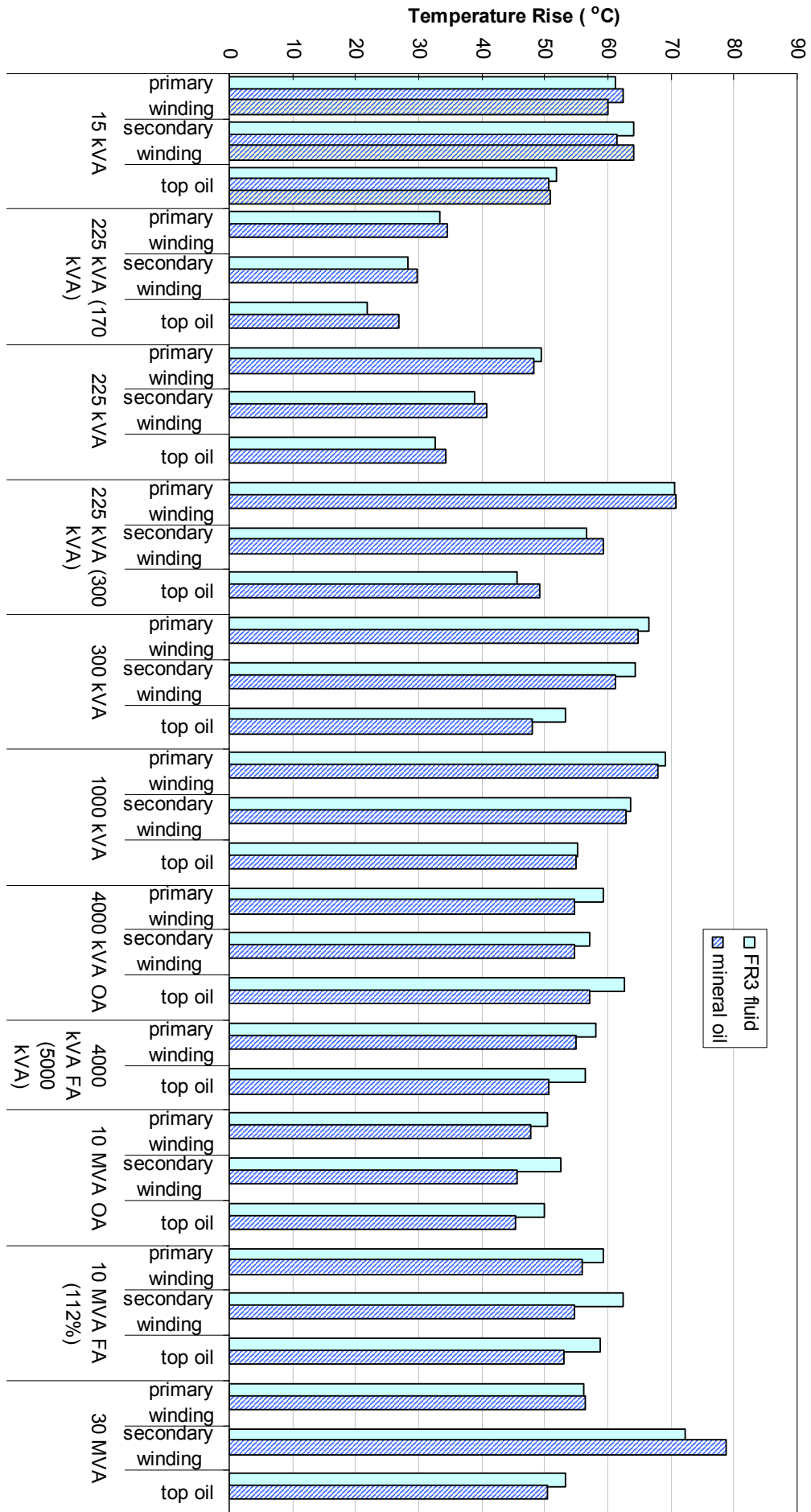
S/N 0126000189

Rise (°C)	OA 10 MVA			FA 11.2 MVA (112%)			FA 11.2 MVA (112%, one fan)		
	mineral oil	FR3	Added Rise	mineral oil	FR3	Added Rise	mineral oil	FR3	Added Rise
Primary Winding	47.8	50.3	2.5	55.9	59.4	3.5	48.7	51.8	3.1
Secondary Winding	45.6	52.6	7.0	54.7	62.3	7.6	47.1	54.9	7.8
Top Oil	45.3	50.0	4.7	53.0	58.7	5.7	44.0	49.0	5.0

30 MVA

FOA; Kraft + Nomex

Rise (°C)	mineral oil	FR3	Added Rise
Primary Winding	56.5	56.2	-0.3
Secondary Winding	78.7	72.3	-6.4
Top Oil	50.3	53.2	2.9
Average Oil	47.3	47.1	-0.2
Ambient Temperature	32.3	39.5	



Rise Over Mineral Oil (°C)

