

Eagle Electric Machinery, Inc.

360 North Hazel Street
PO Box 1053
Sulphur, LA 70664

Customer:	CLECO	Contact:	
	TX.	Phone:	
		Date:	8/27/2010 7:00:05 PM
Job Number:	18456-TEST	Voltage:	13,200
Serial No:	FE137805T1-1	Current:	625
Manufacturer:	TECO	Horsepower:	16,000
Model:		RPM:	892
Type:	3-Phase Induction	Power Factor:	
Frame:	SR1041	Efficiency:	
Enclosure:	TEWAC	ROTOR V:	
Poles:	8	ROTOR A:	
Winding:		Insulation:	

	CW						
	0%	25%	50%	75%	100%	125%	150%
A-B VOLTS	7039						
B-C VOLTS	7085						
C-A VOLTS	7078						
A AMPS	49.7						
B AMPS	52.7						
C AMPS	49.5						
Kwatts	90.14						
RPM	1						
EFFICIENCY	N/A						
P.F.	0.145						
CE BEARING	129.0						
OCE BEARING	133.5						
WINDING	101						

Notes: 15 MINUTE RUN AT 7,000 VOLTS, CW facing Coupling End

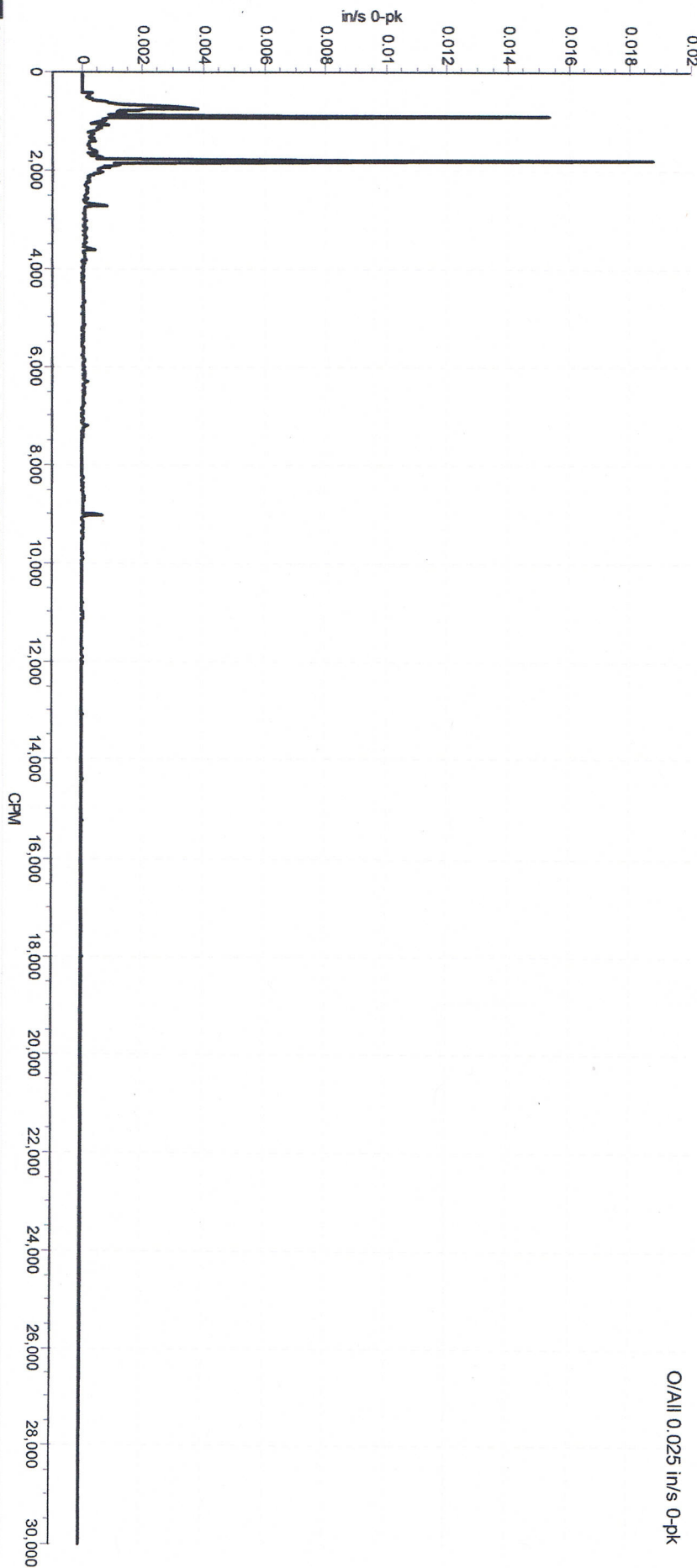
Tom R. Russell

3-19-2015

18456 - Motor CE - Horizontal - Vel Spec 30000 CPM
3/19/2015 10:43:41 AM

Machine Note (3/19/2015 9:27:29 AM)

CLECO, TECO, 16,000 HP, 892 RPM, 13,200 V, 625 A, SR1041 Ft.

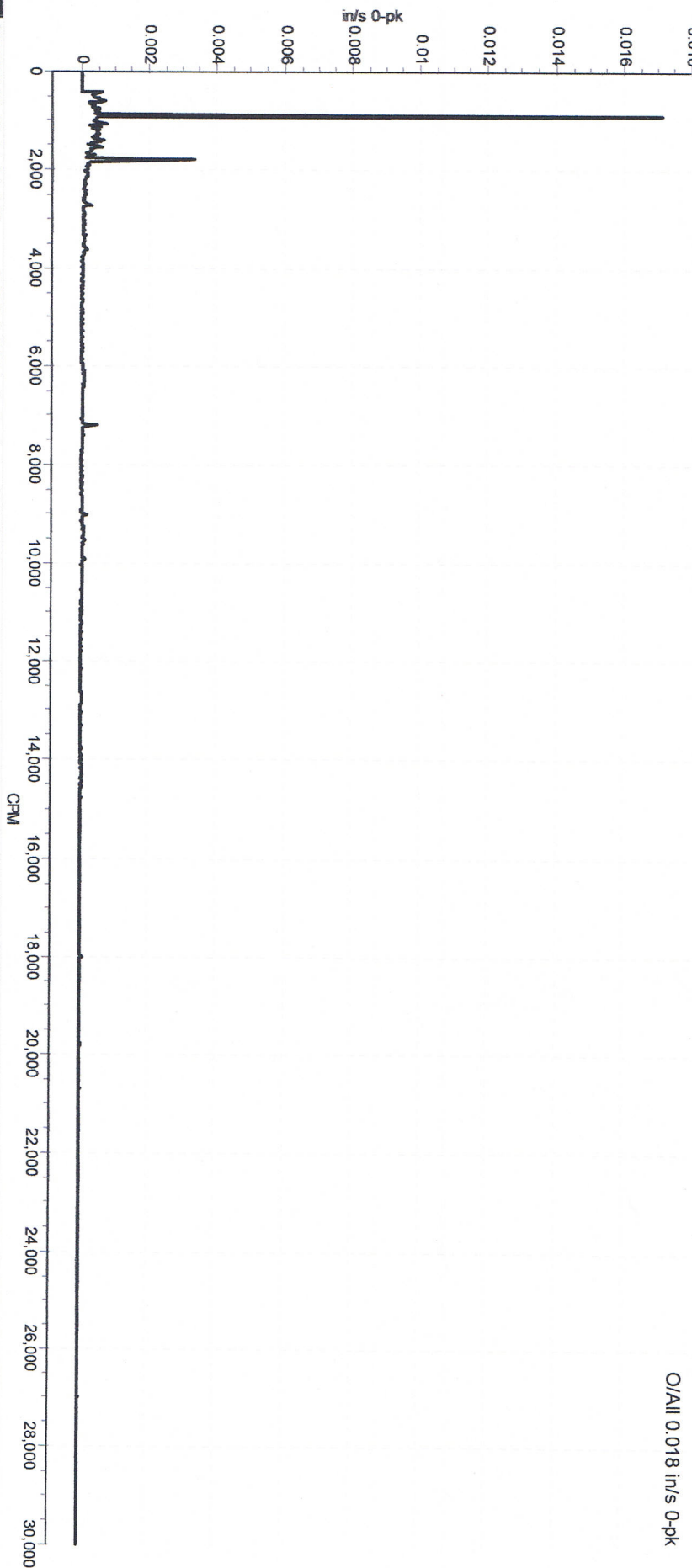


Top 10 Peaks

1738.887 CPM	1.998 orders	0.019 in/s 0-pk
899.449 CPM	0.998 orders	0.015 in/s 0-pk
730.805 CPM	0.812 orders	0.004 in/s 0-pk
843.234 CPM	0.937 orders	0.001 in/s 0-pk
1873.84 CPM	2.082 orders	0.001 in/s 0-pk
1930.055 CPM	2.145 orders	0.001 in/s 0-pk
1088.084 CPM	1.187 orders	0.001 in/s 0-pk
2898.324 CPM	2.998 orders	0.001 in/s 0-pk
993.141 CPM	1.103 orders	0.001 in/s 0-pk
1723.834 CPM	1.915 orders	0.001 in/s 0-pk

18456 - Motor CE - Vertical - Vel Spec 30000 CPM
3/19/2015 10:44:04 AM

Machine Note (3/19/2015 9:27:29 AM)
CLECO, TECO, 16,000 HP, 892 RPM, 13,200 V, 625 A, SR1041 Ft.
0.018



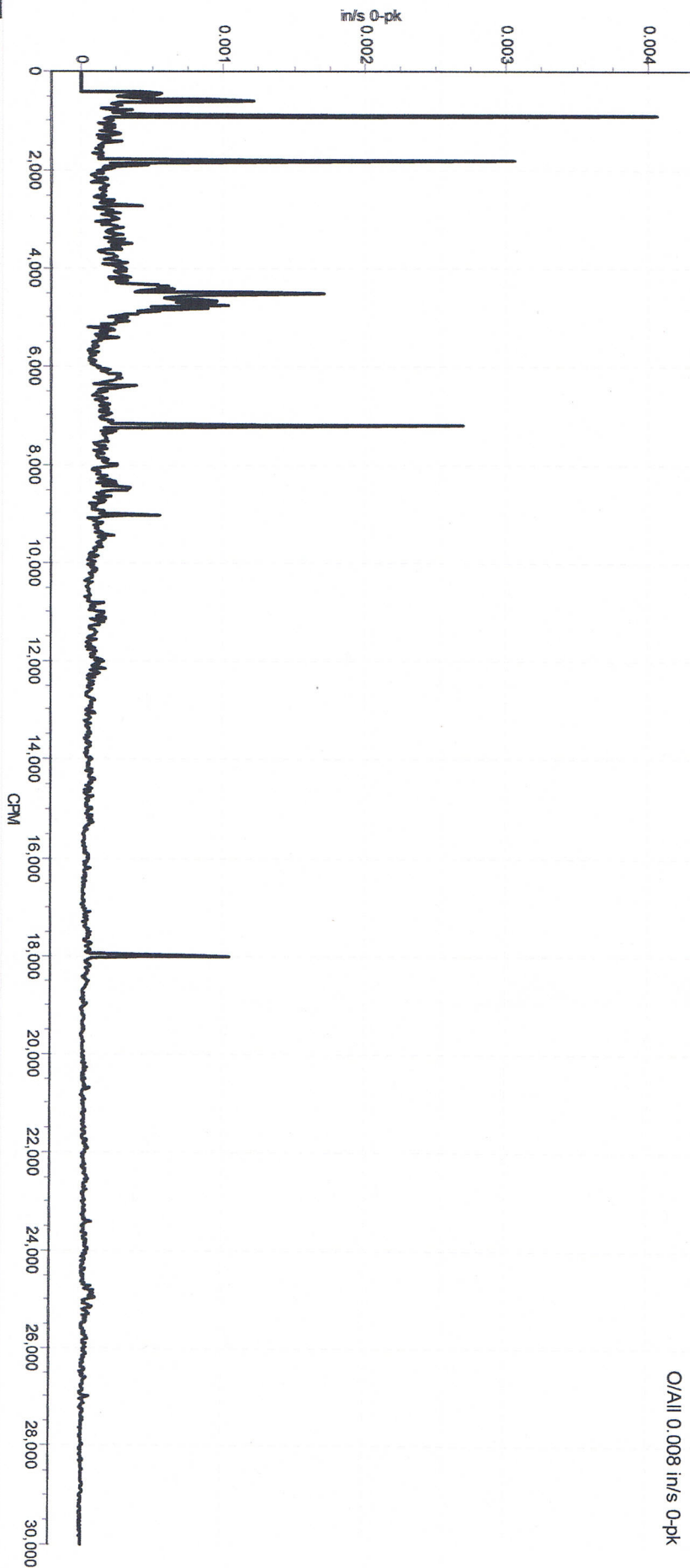
3/19/2015 10:44:04 AM O/AI 0.018 in/s 0-pk 900 RPM

Top 10 Peaks

899.449 CPM	0.999 orders	0.017 in/s 0-pk
1798.887 CPM	1.998 orders	0.003 in/s 0-pk
1068.094 CPM	1.187 orders	0.001 in/s 0-pk
599.637 CPM	0.666 orders	0.001 in/s 0-pk
1399.645 CPM	1.541 orders	0.001 in/s 0-pk
1538.551 CPM	1.707 orders	0.001 in/s 0-pk
430.992 CPM	0.479 orders	0.001 in/s 0-pk
1143.047 CPM	1.27 orders	0.001 in/s 0-pk
1442.859 CPM	1.603 orders	0.001 in/s 0-pk
543.422 CPM	0.604 orders	0.001 in/s 0-pk

18456 - Motor CE - Axial - Vel Spec 30000 CPM
3/19/2015 10:44:26 AM

Machine Note (3/19/2015 9:27:29 AM)
CLECO, TECO, 16,000 HP, 892 RPM, 13,200 V, 625 A, SR1041 Fr.



3/19/2015 10:44:26 AM O/All 0.008 in/s 0-pk 900 RPM

Top 10 Peaks		
890.449 CPM	0.999 orders	0.004 in/s 0-pk
1798.887 CPM	1.999 orders	0.003 in/s 0-pk
7185.512 CPM	7.995 orders	0.003 in/s 0-pk
4487.199 CPM	4.997 orders	0.002 in/s 0-pk
599.637 CPM	0.998 orders	0.001 in/s 0-pk
17988.762 CPM	19.988 orders	0.001 in/s 0-pk
4740.797 CPM	5.288 orders	0.001 in/s 0-pk
4647.105 CPM	5.163 orders	0.001 in/s 0-pk
4797.012 CPM	5.33 orders	0.001 in/s 0-pk
4703.32 CPM	5.228 orders	0.001 in/s 0-pk

18456 - Motor OCE - Horizontal - Vel Spec 30000 CPM
3/19/2015 10:42:30 AM

Machine Note (3/19/2015 9:27:29 AM)
CLECO, TECO, 16,000 HP, 892 RPM, 13,200 V, 625 A, SR1041 Fr.



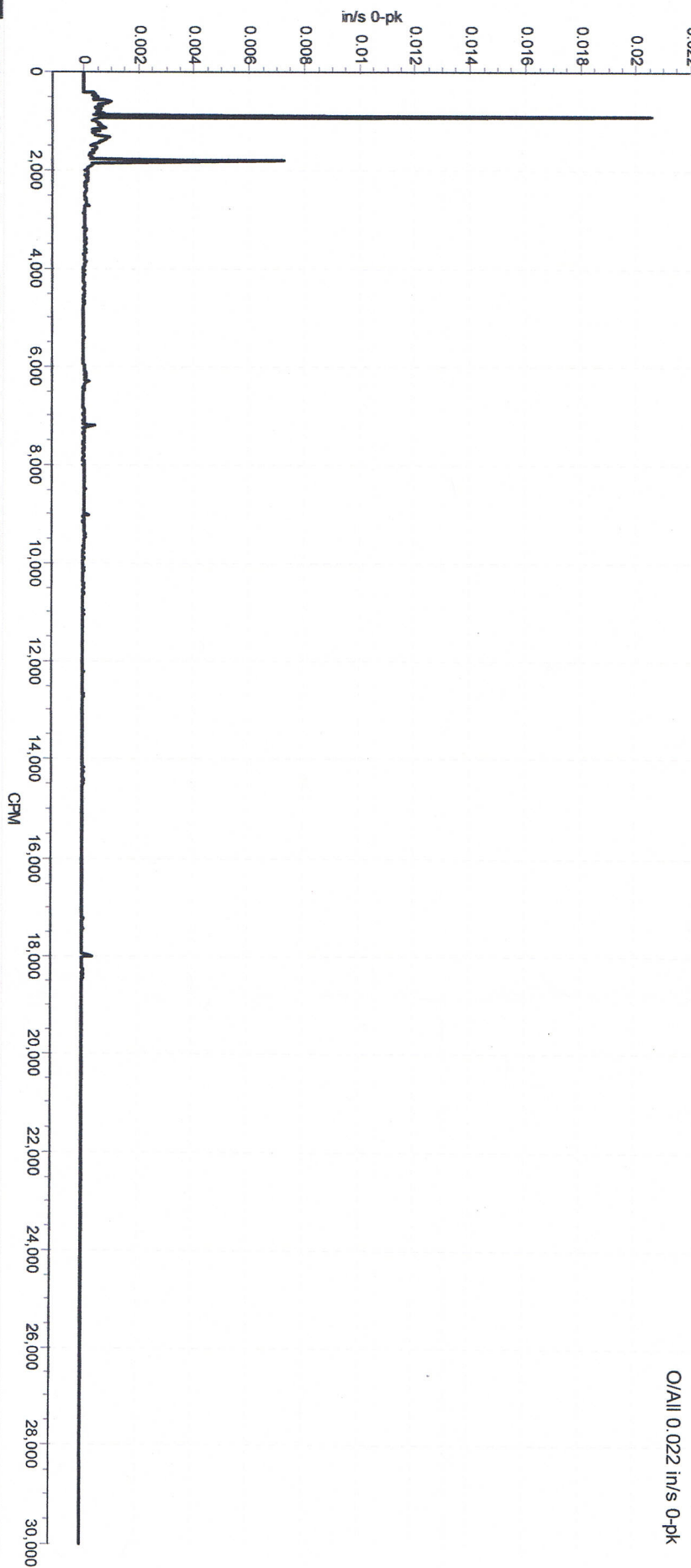
3/19/2015 10:42:30 AM O/All 0.033 in/s 0-pk 900 RPM

Top 10 Peaks		
1738.887 CPM	1.998 orders	0.028 in/s 0-pk
899.449 CPM	0.999 orders	0.015 in/s 0-pk
893.328 CPM	0.77 orders	0.003 in/s 0-pk
1855.102 CPM	2.061 orders	0.002 in/s 0-pk
843.234 CPM	0.937 orders	0.002 in/s 0-pk
768.281 CPM	0.854 orders	0.001 in/s 0-pk
2898.324 CPM	2.898 orders	0.001 in/s 0-pk
2023.746 CPM	2.246 orders	0.001 in/s 0-pk
1705.186 CPM	1.896 orders	0.001 in/s 0-pk
1011.879 CPM	1.124 orders	0.001 in/s 0-pk

18456 - Motor OCE - Vertical - Vel Spec 30000 CPM
3/19/2015 10:42:51 AM

Machine Note (3/19/2015 9:27:29 AM)

CLECO, TECO, 16,000 HP, 892 RPM, 13,200 V, 625 A, SR1041 Ft.
0.022

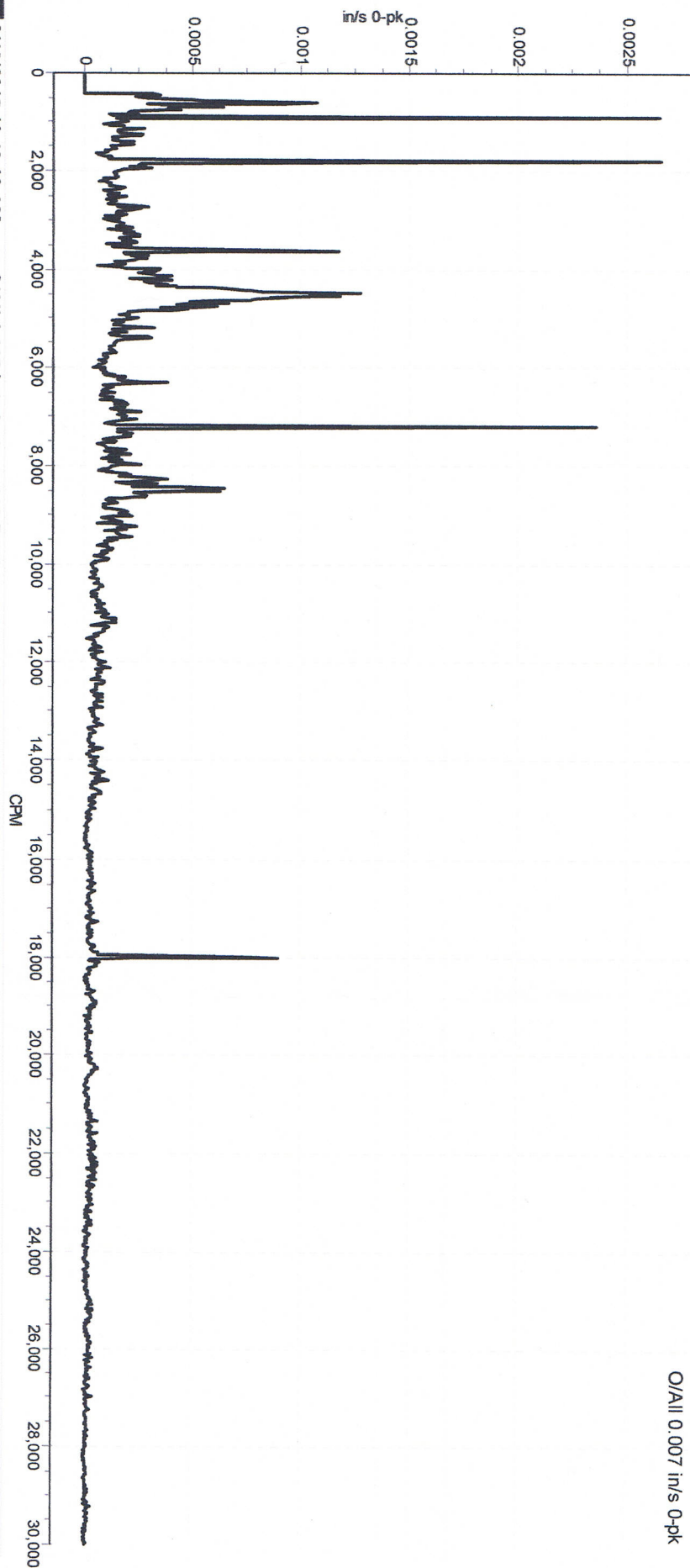


3/19/2015 10:42:51 AM O/AI 0.022 in/s 0-pk 900 RPM

Top 10 Peaks			
889,449 CPM	0.999 orders	0.021 in/s 0-pk	
1798,887 CPM	1.998 orders	0.007 in/s 0-pk	
598,637 CPM	0.666 orders	0.001 in/s 0-pk	
1311,691 CPM	1.457 orders	0.001 in/s 0-pk	
637,113 CPM	0.708 orders	0.001 in/s 0-pk	
1349,168 CPM	1.499 orders	0.001 in/s 0-pk	
1124,309 CPM	1.249 orders	0.001 in/s 0-pk	
824,489 CPM	0.916 orders	0.001 in/s 0-pk	
1405,383 CPM	1.582 orders	0.001 in/s 0-pk	
693,328 CPM	0.77 orders	0.001 in/s 0-pk	

18456 - Motor OCE - Axial - Vel Spec 30000 CPM
3/19/2015 10:43:12 AM

Machine Note (3/19/2015 9:27:29 AM)
CLECO, TECO, 16,000 HP, 892 RPM, 13,200 V, 625 A, SR1041 Ft.



Top 10 Peaks			
1738.887 CPM	1.989 orders	0.003 in/s O-pk	
889.449 CPM	0.989 orders	0.003 in/s O-pk	
7195.512 CPM	7.985 orders	0.002 in/s O-pk	
4459.723 CPM	4.955 orders	0.001 in/s O-pk	
4515.938 CPM	5.018 orders	0.001 in/s O-pk	
3397.762 CPM	3.998 orders	0.001 in/s O-pk	
599.637 CPM	0.986 orders	0.001 in/s O-pk	
4572.152 CPM	5.08 orders	0.001 in/s O-pk	
17988.762 CPM	19.988 orders	0.001 in/s O-pk	
4685.844 CPM	5.184 orders	0.001 in/s O-pk	