

Notes:

Test Result

Output Power [Hp]	550.00	478.55
Speed [RPM]	3577	3543.00
RMS [V]	480	453.57
RMS [A]	654.00	597.14
pf [p.u.]	N/A	0.83
Nema Derating [p.u.]	1.0	1.00
Torque [ft-lb]	807.93	709.72
Efficiency	N/A	92.09
Percent Load	N/A	87.01

Voltage Level (Over) [%]	94.49	Good	110.00	120.00
Voltage Level (Under) [%]	94.49	Caution	95.00	90.00
Voltage Unbalance [%]	0.29	Good	2.00	3.50
THD [% of fund.]	2.98	Good	7.00	9.00
Total Distortion [% of fund.]	3.03	Good	10.00	12.00
Current Level [%]	93.71	Good	110.00	120.00
Current Unbalance [%]	2.63	Good	10.00	20.00
Load [%]	87.01	Good	110.00	125.00
Ef. Service Factor [p.u.]	0.87	Good	1.10	1.25
Rotor Bar [db]	-26.06	Warning	-45.00	-36.00
Op. Point [%]	0.00	Good	20.00	30.00
Loss Difference [%]	N/A	N/A	25.00	50.00
Payback [Months]	N/A	N/A	60.00	24.00

Notes:

Test Details

Database	XYZ Power	Tested by	Doe/BVT
Location	Chiller Plant	Tested for	XYZ
Building	115	Explorer SN#	1054
Date	7/28/2014	Test Time	8:19:23 AM

