

Meier Supply Co., Inc.

Semi-Hermetic Compressor Field Tear-Down Report

Company: _____

Compressor Information:

Why is the compressor being replaced: _____

Model _____ Serial _____ Refrigerant _____

Voltage _____ Phase _____ Has the valve plate been previously replaced (YES/ NO)

Is the motor: Good _____ Grounded _____ Shorted _____ Open _____ (If motor has failed, check crankshaft and rotor)

If open, which winding is open (Run or Start) Are leads damaged (YES/ NO)

Have starting components been tested (YES/ NO) Are there bad starting components, if so, what _____

Rotor: OK _____ Signs of dragging (YES/ NO)

Oil Pump: OK _____ Seized _____ Shaft Sheared _____

Crankshaft: OK _____ Seized _____ Broken _____ Is there up & down play in the crank shaft _____

What is the oil level in the sight glass: _____ Is there acid present in the oil (YES / NO)

Is valve plate discolored (YES / NO)

If so, how Copper plating _____ Heat _____ Moisture _____

Degree of discoloration: Yellow/ Brown _____ Black _____ Heavy carbon deposits _____

Suction Reeds: OK _____ Burned _____ Broken _____ Not seating _____ Very deep seats _____

Discharge Reeds: OK _____ Burned _____ Broken _____ Not seating _____ Discus-cracked _____

Cylinder Walls: OK _____ Scored _____

Pistons: Signs of: Damage (YES / NO) Overheating (YES / NO) Is there side-to-side play (YES / NO)

Does the top of the piston meet the top of the compressor deck (YES / NO)

Connecting Rods: Are the connecting rods broken (YES / NO)

Field Analysis Findings _____

	New York	Middletown	Pennsylvania	Harrisburg
	Johnson City Corporate Office 123 Brown Street 607-797-7700	530 Bloomingburg Rd 845-733-5666	Allentown 827 N. Meadow Street 610-437-9818	2359 Woodlawn St. 717-558-0828
	Altany 20 Cairnes Street 516-489-0010	Rochester 430 Atlantic Avenue 585-482-3876	Altoona 2810 Pleasant Valley Blvd 814-941-7617	Scranton 109 Middle Street 570-346-1565
	Birghampton 3 Luisa Street 607-724-2451	Syracuse 1043 Erie Blvd East 315-475-3131	Erie 2031 West 12th Street 814-459-4559	Stroudsburg RR2, Box 2098, Suite 3 570-424-5724
	Bu'falo 1664 Walden Ave 716-853-1291	Utica 1409 Oriskany West 315-732-4077	Hanover 290 High St. 717-630-8833	Wilkes-Barre 12 Ruddle Street 570-824-8779
				Williamsport 757 Arnold Street 570-323-4606