

## Refrigerant Analysis - R-22

**Sample Number :** KRR775-008  
**Job Name :** General Hospital  
**Customer Name :** Joe's AC Service  
**Manufacturer :** Carrier  
**Unit Model :** 19XL4343  
**Serial Number :** 12345  
**Equipment ID :** 12345  
**Machine Hours :** None

**Report Number :** RR01983-003  
**Date Sampled :** 2/3/2003  
**Sampled By :** Joe Smith  
**Contact Person :** JoeSmith  
**Date Received :** 2/21/2003  
**Date Analyzed :** 2/27/2003  
**Reported By :** Mara Dooley

Units	Limits	Current Sample	Previous Samples	
			10/5/2002	6/12/2001
Water ppm	< 650	423	<1	<1
Acid Number mg KOH/g	< 0.10	0.114	0.018	0.005
Chloride ppm	< 20	33	8	< 1
% Oil Vol %	5 - 10	5.53	4.83	5.25
Refrigerant		R-22	R-22	R-22

**Comments:**

Checking refrigerant after oil sample showed high chloride.

**RECOMMENDATIONS:**

Acid number is high. Chloride is high. Water is not over the recommended limit, but is higher than previous analyses. The refrigerant has degraded, a refrigerant change along with an oil change is recommended.

*This report is based on a single sample. Tracking multiple samples over time provides the best information about equipment and fluid condition.*