

Mechanical Integrity Information: Compressors

Company Name: **Mrs. Grissom's**

Location: **Engine Room**

Compressor Number: **HS-01**

General Information

Application: **High Stage**

Type: **Reciprocating**

Name Plate Information

Manufacturer: **Vilter**

Serial Number: **81422**

Model # **456XL**

Year of Manufacture

Package Sales / contract / order / field number: **K69110**

Package Serial Number: **UNK**

Design Information

Design Capacity (TR):

System Design Discharge Press: **181.2**

System Design Suction Press: **25.2**

System Design Discharge Temp: **95**

System Design Suction Temp: **11.5**

Max. Allowable Crankcase Press: **350**

Type of Refrigerant **Ammonia** Max. Discharge Temp.: **300** Max. Oil Temperature: **150**

Min. Suction Temp. **-50** Min. Suction Pressure: **28"** Max. Suction Pressure: **75**

Min. Operating Speed **760** Max. Operating Speed **1200** Design Operating Speed **1180**

Setpoint Information

Low Suction Press. Switch Type **Electro-Mechanical**

High Discharge Press. Switch Type **Electro-Mechanical**

Oil Pressure Switch Type **none**

Min. Lubrication Press. Cutout **N/A**

Maximum Compression Ratio **8:1**

Max. Discharge Press. Cutout: **210**

Max. Discharge Press: **300**

Max. Oil Temp. Cutout: **N/A**

Control Panel Model: **Generic Pressure Controls"**

Low Suction Pressure Cutout: **5**

Drive Information

Compressor Direction of Rotation: **Clockwise**

Drive Type: **Belt**

Motor Application: **Drive motor**

Manufacturer: **Lincoln**

Model Number **unk**

Horse Power: **125**

Volts: **460**

Serial Number **unk**

Type: **unk**

Phase **3**

Speed (RPM): **1770**

Full Load Amps **144**

Frame Size: **unk**

Hertz: **60**

Service Factor:

Quantity of Belts: **unk**

Belt Size: **unk**

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