



SERVICE BULLETIN

Title: 19EA/EB Oil Overheating
Models Affected: 19EA/EB5

Number: C9408
Date: 8/25/94
Supersedes:
Date:

Situation:

When converting 19EA/EB5 chillers to higher speed gears for refrigerant conversion or ice storage duty, the oil leaving the thrust bearing sometimes runs hot.

File: Compressor

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Solution:

In anticipation of the problem, the oil flow orifice diameter in the bearing housing can be enlarged from 0.136 to 0.170 inches as shown on the attached sketch to increase the oil flow through the thrust bearing.

Alternatively, if the problem appears after the conversion is completed, the existing oil cooler can be replaced with a larger 17DA71-2012 oil cooler.

19EA/EB5 THRUST BEARING HOUSING

