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## POE Oil Requirements for Use with HFC refrigerants in Medium Screw Compressors

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**PRODUCTS:**

Medium Screw Compressors (102mm, 110mm & 127mm)

**BACKGROUND:**

As a result of new information from research and testing HCI announces the following revisions to oil lubrication requirements when using the Medium Screw Compressor (MSC).

**ACTION:**

*Effective immediately:*

- 220 ISO POE oil will now be used as the lubricant for medium screw compressor applications using HFC refrigerants. (0°F to 50°F SST)
- 120 ISO POE oil will now be used as the lubricant for medium screw compressor applications using HFC refrigerants. (-50°F to 0°F SST)

Please see revised Service Bulletin SB-24.

**REASON:**

HCI has discovered from testing and research new information regarding previously accepted HVAC/R industry lubrication requirements.

220 ISO POE oil has been determined to have excellent wear characteristics in commercial and high temperature applications when using HFC refrigerants.

120 ISO POE oil has been determined to have excellent wear characteristics in low temperature applications when using HFC refrigerants.