

This subset is for R-440, a three component mixture. The top section has the first spectra, the second section starts at the 89<sup>th</sup> record and the last section end with the last combinations for R-440. The complete library has more than 650,000 spectra covering the 2, 3, 4 and 5 component refrigerant mixtures.

1,1-Difluoroethane [ 1%] + Propane [ 1%] + Freon-134A [98%]  
1,1-Difluoroethane [ 1%] + Propane [ 2%] + Freon-134A [97%]  
1,1-Difluoroethane [ 1%] + Propane [ 3%] + Freon-134A [96%]  
1,1-Difluoroethane [ 1%] + Propane [ 4%] + Freon-134A [95%]  
1,1-Difluoroethane [ 1%] + Propane [ 5%] + Freon-134A [94%]  
1,1-Difluoroethane [ 1%] + Propane [ 6%] + Freon-134A [93%]  
1,1-Difluoroethane [ 1%] + Propane [ 7%] + Freon-134A [92%]  
1,1-Difluoroethane [ 1%] + Propane [ 8%] + Freon-134A [91%]  
1,1-Difluoroethane [ 1%] + Propane [ 9%] + Freon-134A [90%]

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1,1-Difluoroethane [ 1%] + Propane [89%] + Freon-134A [10%]  
1,1-Difluoroethane [ 1%] + Propane [90%] + Freon-134A [ 9%]  
1,1-Difluoroethane [ 1%] + Propane [91%] + Freon-134A [ 8%]  
1,1-Difluoroethane [ 1%] + Propane [92%] + Freon-134A [ 7%]  
1,1-Difluoroethane [ 1%] + Propane [93%] + Freon-134A [ 6%]  
1,1-Difluoroethane [ 1%] + Propane [94%] + Freon-134A [ 5%]  
1,1-Difluoroethane [ 1%] + Propane [95%] + Freon-134A [ 4%]  
1,1-Difluoroethane [ 1%] + Propane [96%] + Freon-134A [ 3%]  
1,1-Difluoroethane [ 1%] + Propane [97%] + Freon-134A [ 2%]  
1,1-Difluoroethane [ 1%] + Propane [98%] + Freon-134A [ 1%]  
1,1-Difluoroethane [ 2%] + Propane [ 1%] + Freon-134A [97%]  
1,1-Difluoroethane [ 2%] + Propane [ 2%] + Freon-134A [96%]  
1,1-Difluoroethane [ 2%] + Propane [ 3%] + Freon-134A [95%]  
1,1-Difluoroethane [ 2%] + Propane [ 4%] + Freon-134A [94%]  
1,1-Difluoroethane [ 2%] + Propane [ 5%] + Freon-134A [93%]

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1,1-Difluoroethane [95%] + Propane [ 2%] + Freon-134A [ 3%]  
1,1-Difluoroethane [95%] + Propane [ 3%] + Freon-134A [ 2%]  
1,1-Difluoroethane [95%] + Propane [ 4%] + Freon-134A [ 1%]  
1,1-Difluoroethane [96%] + Propane [ 1%] + Freon-134A [ 3%]  
1,1-Difluoroethane [96%] + Propane [ 2%] + Freon-134A [ 2%]  
1,1-Difluoroethane [96%] + Propane [ 3%] + Freon-134A [ 1%]  
1,1-Difluoroethane [97%] + Propane [ 1%] + Freon-134A [ 2%]  
1,1-Difluoroethane [97%] + Propane [ 2%] + Freon-134A [ 1%]  
1,1-Difluoroethane [98%] + Propane [ 1%] + Freon-134A [ 1%]