

Contractor Service Tips



Tip Card
1

R-12 and Polyol Ester Oil

There seems to be a misunderstanding about using R-12 and POE oil. Many contractors and end users believe it is OK to use them together, but in truth, they may be setting themselves up for some real problems.

Through numerous laboratory and field tests, Copeland has discovered that when moisture is induced into a system using R-12 refrigerant and POE oil, the refrigerant becomes acidic and may plug cap tubes and orifices. For this reason, Copeland does not recommend using R-12 and POE oil together.

Please refer to the “Copeland Accepted Refrigerants/Lubricants Chart” Form No. 93-11-R7 on the back of this card for further information.

Need new chart