

## September Troubleshooting Problem

QUESTION: After surveying the equipment and discovering that the wiring has been modified, what is the specific cause of this compressor's failure to start?

ANSWER: The specific failure is related to the wiring modification by the previous technician. Without the dual run capacitor design and the trickle circuit that provided crankcase heat in the off cycle, liquid refrigerant migrated to the compressor, compromising the lubrication on start-up, and that resulted in the compressor failure.