

# Contractor Service Tips

Tip Card  
34

## Slugging

### Q: What are the signs of slugging?

Signs of slugging are: broken reeds, rods, or crankshaft, and loose or broken backer bolts, as well as blown head gaskets.

### Q: What causes slugging?

Slugging is the result of trying to compress liquid refrigerant and/or oil, in the cylinders. Slugging is an extreme floodback in air cooled compressors and a severe flooded start on refrigerant cooled compressors.

### Q: What can be done to avoid slugging?

- (1) Maintain proper evaporator and compressor superheat.
- (2) Correct abnormally low load conditions.
- (3) Install accumulators to stop uncontrolled liquid return.
- (4) Locate compressor in warm ambient or install continuous pump down.

