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*Screw Compressor 75 kW no longer tripping*

To whom it may concern,

DeltaPak is a leading Australian contract manufacturer of cleaning and cleansing products with products ranging from baby wipes to hospital-grade disinfectants and personal hand sanitising gels.

We have two Ingersoll-Rand 70 and 75 kW oil-flooded rotary screw compressors each containing about 20 L of oil. Each compressor acts as a backup in case the other one goes down. One of the compressors was overheating, which leads to too much vibration and causes it to trip (shut down) N.B. It is possible to predict a compressor failure using vibration, so we rebuilt it twice for around \$10,000. After the rebuilds, it was still running too hot and regularly tripping during hot summer days.

We added a bottle of Xcelplus Gear Treatment to both compressors. It didn't take long to work: The effect was immediate. The temperature in the tripping compressor was reduced by at least 10 °C and it stopped tripping.

I wish we had thought of this sooner as it would have probably saved us a couple of rebuilds.

Thank you Xcelplus

Stan Bielen (Maintenance Supervisor)



*Figure 1 Tripping Ingersoll-Rand 70 kW Screw Compressor*