

Hi-Top and System Purge

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CASE STUDY



Smooth operation in machine after using Hi-Top and System Purge

Type of Business:	Textiles
City	Melbourne
Country	Australia
Marketing Manager	Chris Nixon

Problem: Excessive wear on heat setting machine.

The Heat Setting Machine is a critical part in the textile industry operation. The hydraulically operated machine gives input memory to the operation for proper yarn quality. A slight mistake on the input will make the yarn broken or curly rendering extensive damage to the production line.

The inlet head and hydraulic seals were prone to **severe wear** due to: Poor quality oil, Contaminants and High operating temperatures. On the average, the inlet head seals need to be replaced once a month. Resulting in downtime and labour cost of \$ 340 per hour and potential production loss of up to 163,000 meters of yarn per day. There are 10 seals per machine, each seals cost \$124.00. Total parts replacement totaled \$ 2,490 per month.

Parts replacement was reduced saving the company \$ 2,490 over one month period.

The company saved \$ 2,720 in **labour** and **downtime** cost over one month period since using **HI-TOP**.

Potential savings of \$ 5,710 per month using **SYSTEM PURGE** and **HI-TOP**.

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