



## CASE STUDY - QUARRYING/MINING - BARREL SUPPORT ROLLERS

### Background

Traditionally rotary heaters and washers were manufactured with steel rollers.

### Disadvantages

- Steel rollers were heavy to manhandle and adjust
- Rollers wore out over a 2-3 year season campaign and caused significant wear to the mating path ring
- The parts were extremely noisy when running due to the metal to metal contact

### Solution

After several years of supplying users direct as spares items and following extensive in-house testing, Devlon was specified by numerous OEMs and is today the standard roller for the majority of manufacturers.



### Advantages

- Eliminates wear on path ring and trunnion rollers
- Reduces noise
- 1/7<sup>th</sup> the weight of steel or cast iron
- Keyed or roller bearing assembly
- Now also used on thrust rollers