



# Si-Tec<sup>®</sup> ceramic shoes increase wear life by 133%

## Canica 65

### 0050121FE Si-Tec<sup>®</sup> ceramic shoes

Texas  
Sandstone & River Rock  
2" Minus

*"Shoe costs  
reduced by 60%  
with Si-Tec<sup>®</sup>  
ceramics"*

#### Baseline:

- 5 shoe table with standard chrome shoes
- Table speed of 1300 RPM
- 125,000 Tons Annual Production
- Standard chrome wear life of 3 X 8 hour shifts
- Two sets per week used, 520 shoes per year

#### Objective:

- Increase wear life of shoes by using Si-Tec<sup>®</sup> ceramic shoes
- Reduce maintenance time for shoe change outs

#### Results:

- Wear life improved to 7 X 8 hour shifts (133% improvement)
- Usage reduced from 520 shoes per year to 260 per year (50% improvement)
- Shoe costs reduced by 60% with Si-Tec<sup>®</sup> ceramics

#### Value Delivered:

- Maintenance time was reduced by 50% resulting in increased machine up-time and improved safety

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Crushing and Mining Industries  
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