## CASE STUDY

**Certop 85w-140**

### Type of Business: Cement Plant

<table>
<thead>
<tr>
<th>City</th>
<th>Sydney</th>
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<tbody>
<tr>
<td>Country</td>
<td>Australia</td>
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<tr>
<td>Sales Rep / Marketing Manager</td>
<td>Ning Ma / Dave Wong</td>
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</tbody>
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### Problem: Cement dust contamination leading to leaking seals, bearing failures and gear wear.

Cement powder is very fine and acts as a grinding paste in bearings causing premature bearing failures. Many leaks have occurred in gearboxes. The high loads and cement dust contaminants work into the auger gearboxes causing rapid wear out of gears.

**After adding Certop 85w-140**

- Certop 85w-140 helped reduce leaks in the gearboxes.
- Certop has reduced the need for bearing replacement.

The gearbox operating temperatures were reduced by an average of 5 Deg C.

No bearing replacements (usually 3 monthly bearing inspection and replacement cycles).