

# Event I: Kiln Pier #1 Oil Temp - Lubrication

## Event

- Temperature increase in Pier #1 of kiln (still within limits)
- No indications nor alarms in the plant control room

## CemAI Event Feedback

- Field inspection of lubrication system and cooling system for leakages, flow or potential contamination issues. On-site inspection of instrumentation.

## Maintenance Team Findings

- External oil leakage was found at the oil cooler.
- Bearing still not dry and oil level still in operational range (no level alarm triggered)
- Plant team isolated the cooler and refilled oil tank.
- Oil cooler replaced and full operation was restored

## Value

- Up to \$250k to replace kiln roller and bearing and kiln roller shaft repairs
- 4 days of kiln downtime

