

# CASE STUDY: FOOD SAFE GEARBOX OIL

Performance you can trust

## LOCATION

Mondelez, Bournville (Cadbury)

## CUSTOMER ISSUES

In Moldings tanks 1 and 2, gearboxes were discovered to be running extremely hot and very noisy.

## APPLICATION REQUIREMENTS

8 Tonne chocolate holding vessels with a gearbox as a stirrer. Rocol identified what oil was contained in the gearbox and the condition it was in.

## THE Rocol SOLUTION

ROCOL recommended the oil be replaced with a food safe oil and to use an ISO 320 oil to improve operating temperature.

## ACCEPTED BENEFITS/COST SAVING

The gearboxes were saved from potential failure. After the oil was tested by Rocol, it was found to be in poor condition, which could have caused failures.

There was a potential saving of £17,800 on the cost of a crown wheel replacement. Additionally, a saving of £10,800 plus for the cost of labour to remove and replace the failed gearbox and waste product.

## CUSTOMER FEEDBACK

“The huge effort from the Rocol team has prevented a certain failure which we had not anticipated”.  
Peter Hill