CASE **STUDY**

PLASTIC INJECTION

MOULDING FIRM MAKES ANNUAL £6K SAVING BY OPTIMISING OIL SELECTION

HAYLEY

DEXIS

HAYLEY DEXIS
LUBRICANTS // PLASTIC

Focus on **value**

TRACK UP

THE SITUATION

The customer, a plastic injection moulding company, approached HAYLEY DEXIS reporting cold-start performance issues with their reciprocating compressors. The customer also wanted to reduce oil consumption and prolong valve life, as the oil and valves were currently being replaced every 1500 hours.

In operation were four Compare Reavell H Series 5236 compressors; two running 24/7, one running on-demand, and one spare.

THE SOLUTION

The HAYLEY DEXIS team worked quickly to identify an appropriate solution. To extend oil life beyond 1500 hours, HAYLEY DEXIS recommended a trial of the synthetic compressor lubricant, Shell Corena S4 P 100.

The lubricant is produced specifically for high-pressure reciprocating compressors running at high temperatures. With a synthetic ester base fluid and high-performance additive system, Shell Corena S4 P 100 can achieve 2500 hours of oil life.

KEY VALUE AREAS

SPEND

A trial was run onsite to 1000 hours, with condition-monitoring every 250 and 500 hours thereafter. Key components were photographed before and after the trial, to document the extension to component life.

THE RESULT

By using Shell Corena S4 P 100, the customer was able to extend oil life from 1500 to 2500 hours. This meant that consumption levels were reduced significantly. With improved cold-start performance, the customer was able to switch off the oil heaters that were previously used during cold starts.

> **THE CUSTOMER WAS ABLE TO EXTEND OIL LIFE FROM 1500 TO 2500 HOURS.**

The amount of valve refurbishments needed was also reduced from 11 to 7 per year, representing an annual cost saving of over £5000.

CONTACT US!

Speak to your local HAYLEY DEXIS branch today!

You can find their details by using our online Branch Finder tool:

www.hayley-group.co.uk/branch-finder.

KEY BRANDS

Shell

KEY RESULTS

Annual cost-saving of £5k+ achieved.

Strain on maintenance resource reduced.

HAYLEY

DEXIS