



Summary

Industry:	Food - Bakery & Cereals
Application:	Hot Water Pumping
Actual Saving:	£n/a
Payback Period:	n/a



Cooled Top Seal Arrangement Allows For Elevated Temperatures

ERIKS provides a unique pump to handle high temperatures

ISSUE

A food manufacturing company were looking to upgrade two old obsolete hot water supply pumps within their boiler house. ERIKS Pump Technology was asked to look at the application and make recommendations for their replacement.

SOLUTION

ERIKS Pump Technology assessed the application and discussed the new requirements with the client. ERIKS offered a Grundfos vertical multistage pump model: CR90-1-1 CT, fitted with a 5.5kw Eff1 motor and the unique Grundfos cooled top seal arrangement.

This cooled top arrangement enables the client to operate these pumps at elevated temperatures that other pumps cannot achieve in a single seal arrangement.

The Grundfos Pump is designed to handle high temperatures and is fitted with a special air-cooled shaft seal chamber enabling it to withstand water temperatures of up to 180°C, (thermal oil of up to 240°C). No external cooling is required.

OTHER BENEFITS

- CR pumps with air cooled tops are used where the pumping of hot liquid is crucial
- CR pumps with air cooled tops are created with a special air cooled shaft seal chamber generating the same insulation effect as that of a vacuum flask

FURTHER COMMENTS...

This application is an excellent example of how ERIKS Pump Technology look at applications and are able to advise on a wide array of systems, identifying the right product for the application.

MORE INFORMATION

ERIKS Industrial Services

Amber Way, Halesowen,
West Midlands B62 8WG

Tel: 0845 006 6000

Web: www.eriks.co.uk