

FOOD & BEVERAGE

Quick STUDY

Hydra-Cell
Seal-less Pumps

www.Hydra-Cell.com

Location:	Malaysia
Application:	Boiler feed
Media:	• Hot Water
Model No.:	D35XKBTHFEHH
Flow Rate:	25 - 36 gpm (95-138 l/min)
Pressure:	940 - 1060 psi (65-73 bar)
Hydra-Cell Advantages:	• Reliability • Low maintenance • Low power consumption • Small footprint • Low pulsation



Boiler Feed in Flavoring Plant

Originally using plunger pumps, the mechanical seals wore out on a monthly basis. There were high maintenance costs and high power consumption. A Hydra-Cell D35 with an oil cooler was installed for hot water feed to the boiler. The pumps have been running for six months without interruption. There was a 40% cost saving on the pump and motor package and an annual energy cost saving of \$5,110 USD per pump.



Characteristics of Fluid Pumped:

☐ Contains Abrasives ☐ Corrosive ☐ Solids in Suspension ☐ High-temp. (>158°F/70°C) ☐ Non-lubricating ☒ High-viscosity (>500 cPs)