

FOOD & BEVERAGE INDUSTRY

Quick STUDY

Hydra-Cell[®]
Seal-less Pumps

www.Hydra-Cell.com

Location:	United States
Application:	Chicken feed blending
Media:	• Animal fats
Model No.:	H25XFBTHFECA
Flow Rate:	6 - 8 gpm (23 - 30 l/min)
Pressure:	50 psi (3.4 bar)
Hydra-Cell Advantages:	• Seal-less design • Ability to handle abrasive solids • Reliability • Easy servicing • Low outlay on spare parts



Greater Reliability and Lower Cost Spare Parts for Feed Blending

A feed manufacturer had been using a progressive cavity pump to move a variety of animal fats, protein and ground chicken byproducts into a blender. Leaking seals and wear of rotor and stator limited pump life to about six months.

The company looked for a pump that would give a full year of service on this continuous-duty application. Other requirements were easier servicing and less costly spare parts. A Hydra-Cell H25 was given a 12-month trial and ran perfectly throughout the period. The customer subsequently standardized on Hydra-Cell pumps for all new or expanded feed mills.

Characteristics of Fluid Pumped:

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