

Application story



Seal Flushing in Polypropylene Plant

Location Bathinda, Punjab, India
(installation: 2009)

Hydra-Cell model G03BDSGHFMA

Type of application Seal Flushing

Flow rate 9 LPM

Liquid Oil

Pressure 40 bar

Application details In this application, a Milton Roy pump was originally installed with oil being pumped at 40 bar near the oil seal of the agitator. These seals were installed at the agitator where there to help prevent seal damage if not fully lubricated. To enhance the life of the seals, oil was circulated at high pressure. However, the customer experience pump failure due to seals wearing and leaking oil.

This Hydra-Cell pump was then installed at polypropylene plant. In this application liquid is oil and temperature is 50 deg.C maximum. The Wanner Hydra-Cell pumps supplied have been running trouble-free since 2009 without single spare consumption.

(Installation photos are not available from the customer).

Advantages of Hydra-Cell pump on this application

- Seal-less design means no seals to wear and replace
- No leakage during operation
- Accurate dosing and smooth pressure in the discharge
- Compact design

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