

PROBLEM SOLVER

SEEPEX EXTENDS SERVICE LIFE 10 FOLD

SEEPEX.

ALL THINGS FLOW

Problem: A commercial anaerobic digestion plant was experiencing excessive wear on their lobe pumps, with replacement lobes required frequently sometimes even weekly. The variations in consistency of food waste, combined with non-food contamination produced high abrasion and high wear rates.

Solution: **SEEPEX progressive cavity pumps**, fitted with **Smart Conveying Technology (SCT)** proved to be the ideal solution. Progressive cavity pumps have a longer service life than some lobes on abrasive duties and SCT pumps can extend this by up to 300%.

SCT comprises a stator that is split longitudinally and held in place with 4 retaining segments, and a rotor that can be removed without disturbing the universal joint. The segments can be adjusted as wear occurs to restore pump performance. Blockages can be removed without the need to fully dismantle the pump and when maintenance is necessary both the rotor and stator can be replaced without pipework removal.

Since installation SCT has extended service life 10 fold.

Waste and
Recycling



Ref: P5030