

PROGRESSING CAVITY PUMPS FOR MULTIPHASE APPLICATIONS

keep it moving m

The patented **PCM Slugger** uses a hydraulically regulated progressive cavity pump to maximize performance in multiphase flow.

When using a conventional progressing cavity pump for multiphase flow, pressure build up occurs on the discharge end of the pump, causing **heat build-up** in the elastomer and shortening pump **run life**.

With **PCM Slugger**, **pressure is balanced across the pump**. Liquid and gas pressure is more uniformly distributed along the stator, reducing internal stress and providing **better reliability and longer run life**.





PCM SLUGGER

keep it moving

Pressure distribution across the pump in high GVF conditions



Heat build-up in elastomer stator (conventional PCP with high Gas Void Fraction (GVF)...



Image courtesy of PCM Technologies SAS

PCM ELASTOMERS

We've been producing and developing our own elastomers since René Moineau brought the first progressing cavity pump to the world in 1932, and we're proud of our ability to deliver elastomers that meet the challenges of the markets we serve. NBR, HNBR and FKM all feature in our range.

With PCM, you're guaranteed to have control on your elastomer.

WIDE RANGE OF OPERATING CONDITIONS

PCM Slugger pushes the boundaries of progressing cavity pumps in multiphase applications, and you get a surface pump that can reliably handle crude oil with a range of viscosities, free gas and sand.

