

MANUFACTURING

Quick STUDY

Hydra-Cell[®]
Seal-less Pumps

www.Hydra-Cell.com

Location:	United Kingdom
Application:	Aircraft component testing
Media:	• Water • Sand • Oil
Model No.:	M03XKBTHFECA
Flow Rate:	2.6 gpm (10 l/min)
Pressure:	435 - 580 psi (30-40 bar)
Hydra-Cell Advantages:	• Ability to handle abrasive liquids with solids in suspension at high temperatures



Abrasive Mix for Aircraft Brake Testing

A specialized supplier of aircraft wheels and braking systems is using the Hydra-Cell M03 pump to spray an abrasive mix onto aircraft brake components - enabling the brakes to be tested under particularly adverse conditions and accelerated wear.

Characteristics of Fluid Pumped:

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