

Cylinder Block – Piston Pump

Industry	Fluid Power – Mobile Hydraulics
Dura-Bar Grade	100-70-03 Ductile Iron
Original Material	Sand Castings
Problems Solved	Quality, Wear Resistance, Cost
Cost Savings	Total part cost reduced by 33%



A cylinder block for piston pumps was originally being made from sand castings. The manufacturer was experiencing material quality issues, including porosity, which caused them to look for a different solution for their component needs.

Dura-Bar 100-70-03, due to our continuous casting process, has a dense fine-grained microstructure free from porosity and other tool wearing inclusions typically found in sand castings. Our Zero Defect Guarantee proves that we stand by our material.

Dura-Bar improved the material quality and wear resistance of the cylinder block, therefore reducing the total part cost.

Contact us today to discuss your application and how you can save with Dura-Bar.