



CT Hydraulics (Nqoba) (Pty) Ltd

Reg. No. 2005/005685/07

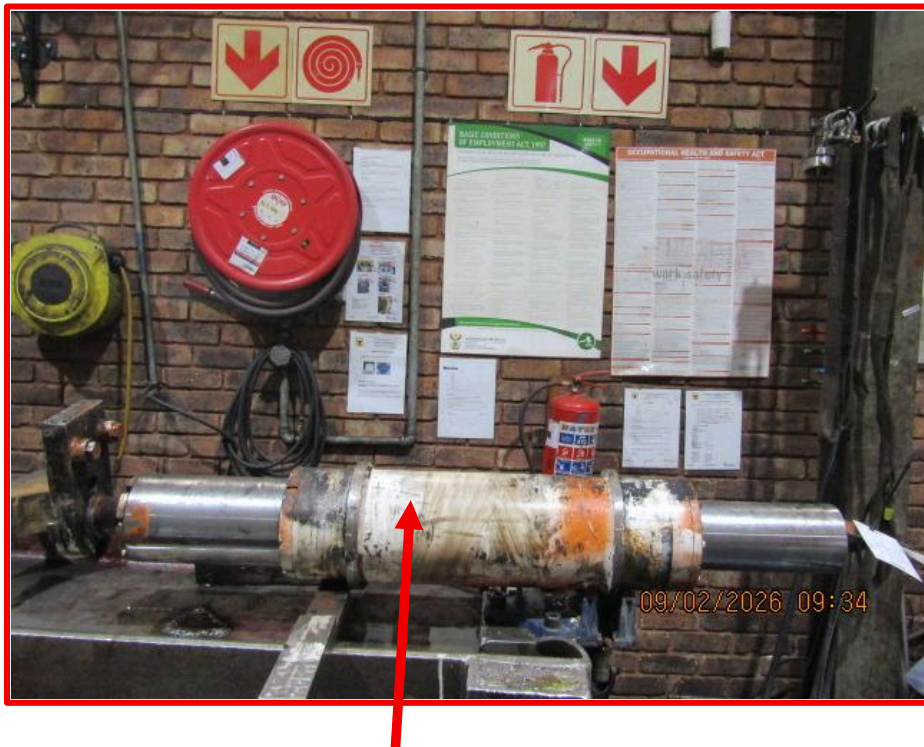
C/o Melville & Sharland Street, Driehoek, Germiston
P.O. Box 707, Bedfordview, 2008, South Africa
Telephone: (+27)(+11) 873-2342/7, 873-2756

Company	Description	Part Number	Customer Ref. No.
	Titan "A" Drill Feed Cylinder		

Report done by	Date	CT Job Number
	2026-02-16	

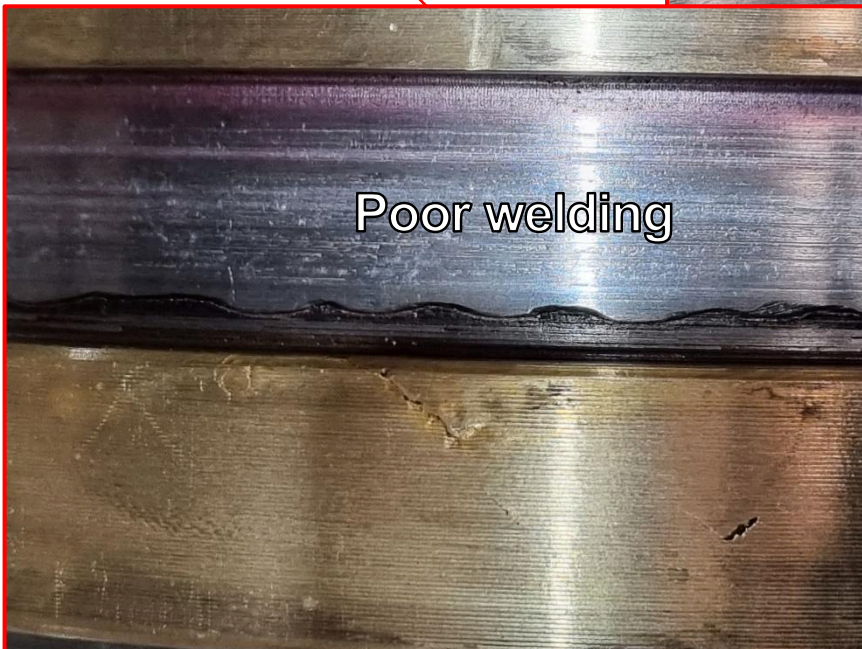
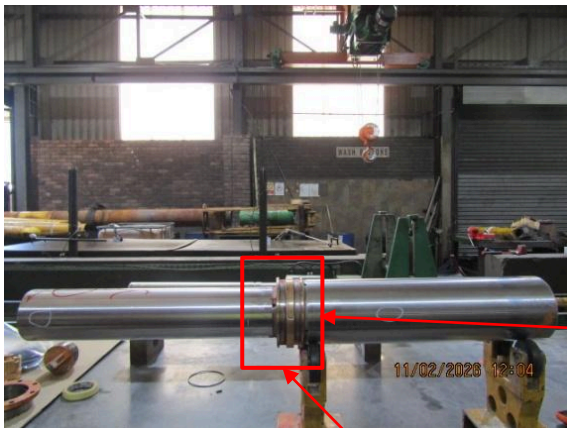
Warranty Claim	Normal Repair
	X

Photos of component on arrival:



Cylinder on arrival.

Photos of component after dismantling:



Possible cause of failure:

Based on inspection, cracks were found on the barrel welding and 1st stage piston shows signs of poor welding.

The damage noted on these components was potentially due to one or a combination of the following:

➤ **Non-compliance with welding procedures.**

Incorrect or inconsistent welding parameters used.

➤ **Inadequate weld preparation and joint profiling.**

Improper weld groove profile likely resulted in weak fusion and poor bead geometry.

These welding defects should have been detected during inspection.