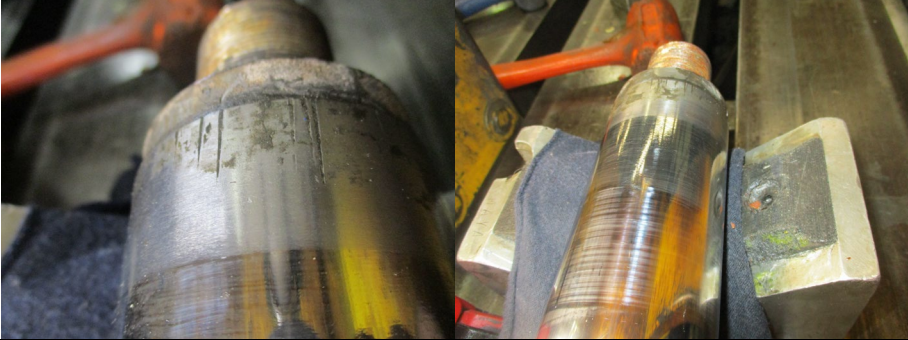
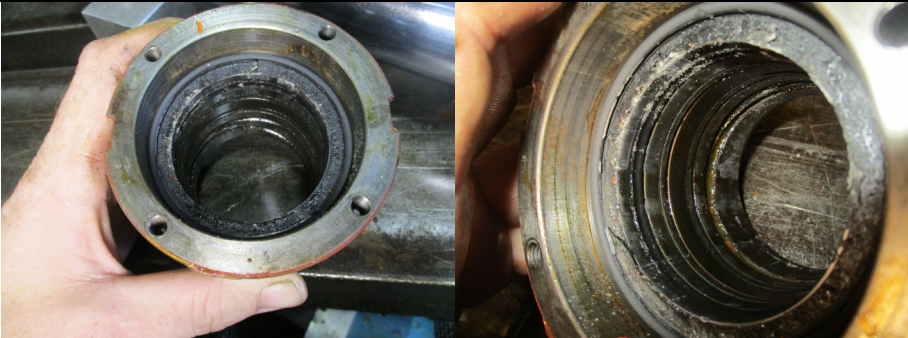




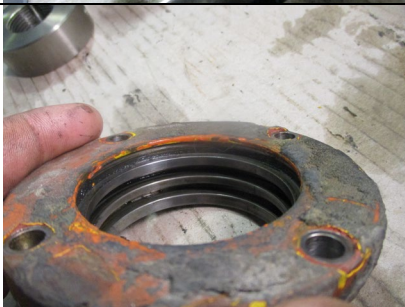





CUSTOMER XYZ REPAIR REPORT
ACTUATING LINEAR CYLINDER

JOB No:	200046	DATE:	05-05-2020
INSPECTED BY:	Corey / Mark		
DESCRIPTION:	CYLINDER ASSEMBLY, ACTUATING, LINEAR: HYDRAULIC: DIAMETER 80 X 56; STROKE 215MM; V8DC MAXIMUM OPERATING PRESSURE: 75 BAR		
FAULTS ON CYLINDER AS NOTED BY CUSTOMER XYZ:			
-Requires Overhaul			

Qty	Part	Condition	Recommendations/Notations:	Photograph
1	Piston Rod	Replace	<p>There are multiple dents and scratches on the Piston Rod chromed surface.</p> <p>Piston rod will be replaced with a new one made from induction hardened chrome bar.</p>	
1	Head Cap	Reclaim	<p>The Head Cap needs rust treatment and polishing of the thread and sealing areas.</p> <p>It is worn on the inside diameter so it will also be modified to take a bush.</p>	

1	Barrel	Reclaim	<p>There are some light rust marks in the bore which will require honing to clean up.</p> <p>The thread needs a tidy up and the barrel will be reused.</p>		
1	Piston	Reclaim	<p>Piston is in good condition.</p> <p>Light polish required for seal and wear ring grooves.</p>		
1	Piston Locknut	Replace	<p>The thread is damaged around where the scotch key was.</p> <p>A new Locknut will be made.</p>		

1	End Cap & Eye	Reclaim	<p>The End Cap and Eye need rust treatment in the bearing housing and a tidy up of some bruising around the edges.</p>		
1	Front Gland	Replace	<p>The seal grooves measure oversize for standard seals. The wiper groove houses a soft poly urethane rod wiper which has allowed the ingress of dust and grit. A new Front Gland will be made to suit standard seals and to take a nylon rod scraper.</p>		
1	Locking Ring and Fasteners	Replace	<p>Existing Locking Ring is broken. This will be replaced with a new one.</p> <p>The four (4) Socket Head Cap Screws are worn and rusty and will be replaced.</p>		
1	Seals	Replace	<p>All Seals will be replaced.</p>		

2	Fittings	Replace	The Fittings have rust on their threads and wear on the JIC seat. The fittings will be replaced. The cylinder arrived with tape over the ports. JIC caps will be supplied for shipping and storage.	
1	Bearing	Supply	Cylinder did not arrive with a Bearing. A new Bearing will be supplied and installed.	
1	Paint	Re-paint	All Paint will be removed. Rust will be removed with abrasives and treated chemically before the Cylinder is repainted. It will be painted "International Orange"	Refer to previous images
1	Welds	Inspection	Welds will be mag particle tested and inspected for defects	Image not required

Action Required:

- Disassemble, Inspect and Report.
- Paint Stripping, Rust Treatment and Tidying up of listed components.
- Manufacture Piston Rod, Front Gland and Piston Locknut.
- Modify Head Cap and Manufacture Bush.
- Supply Locking Ring
- Replace all Seals, 4 x Fasteners and 1 x Bearing.
- Mag particle testing and Inspection of all welds.
- Clean, Assemble, Test and Paint.