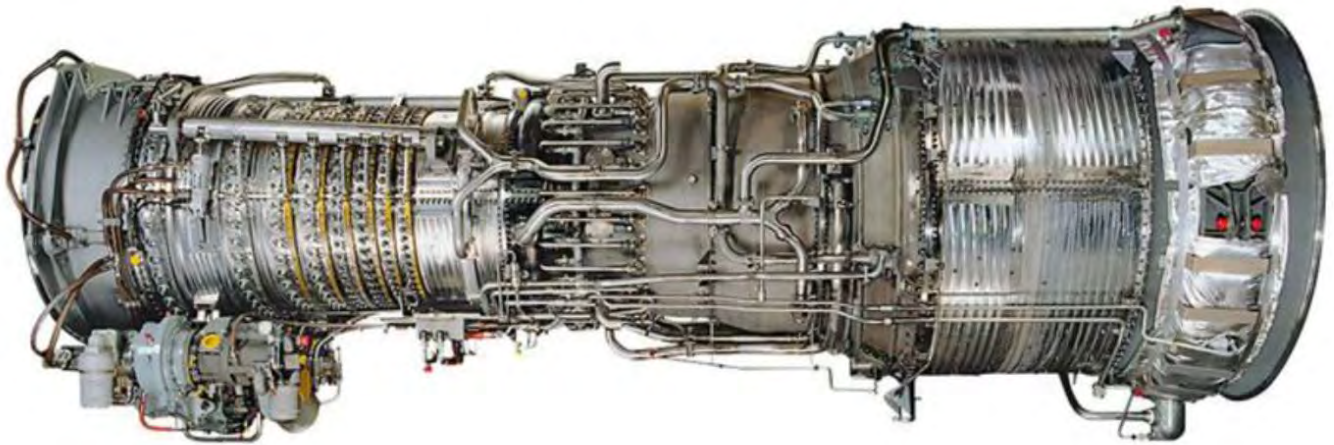


GE LM2500+ GT Marine Engine Report

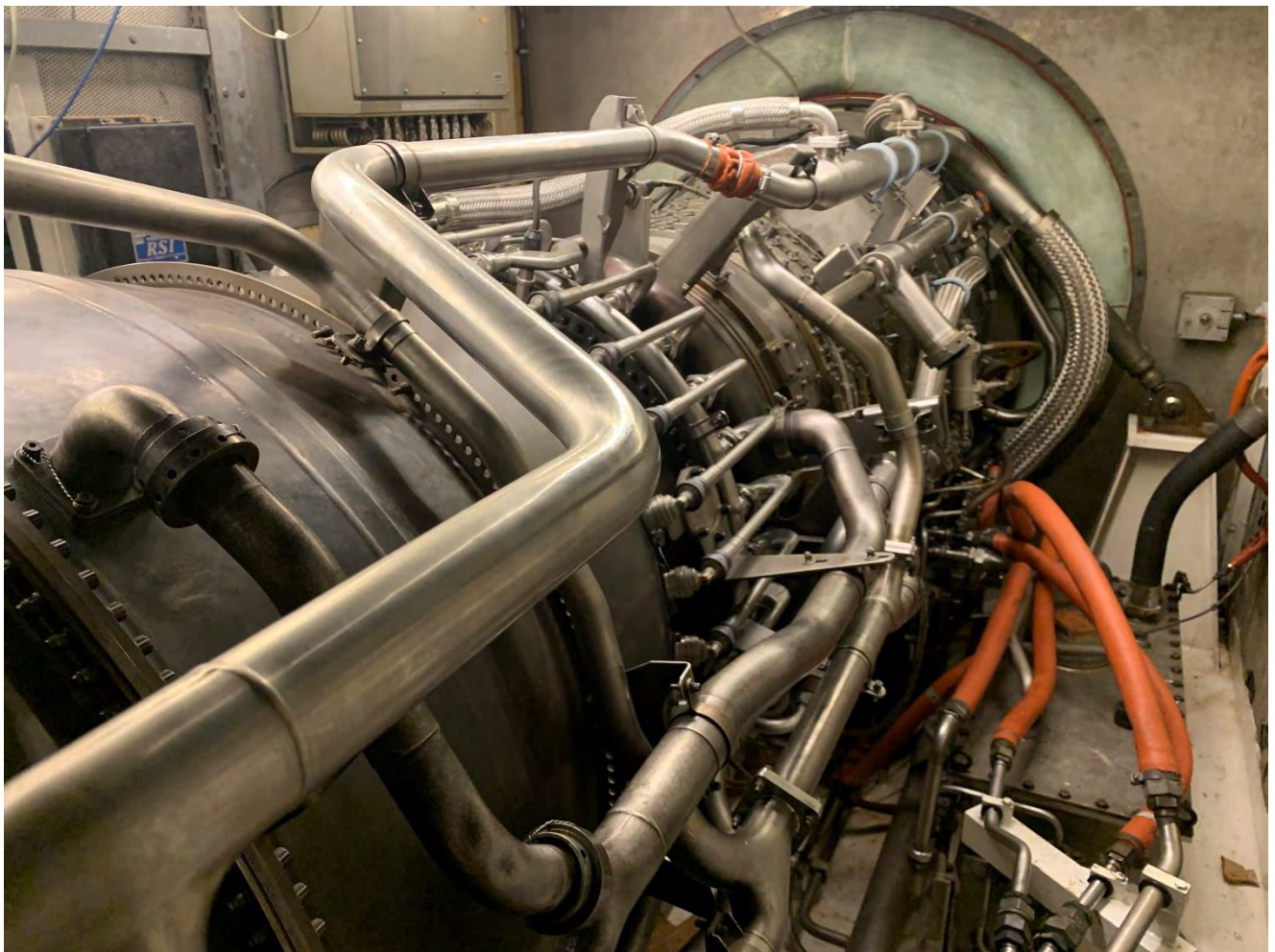
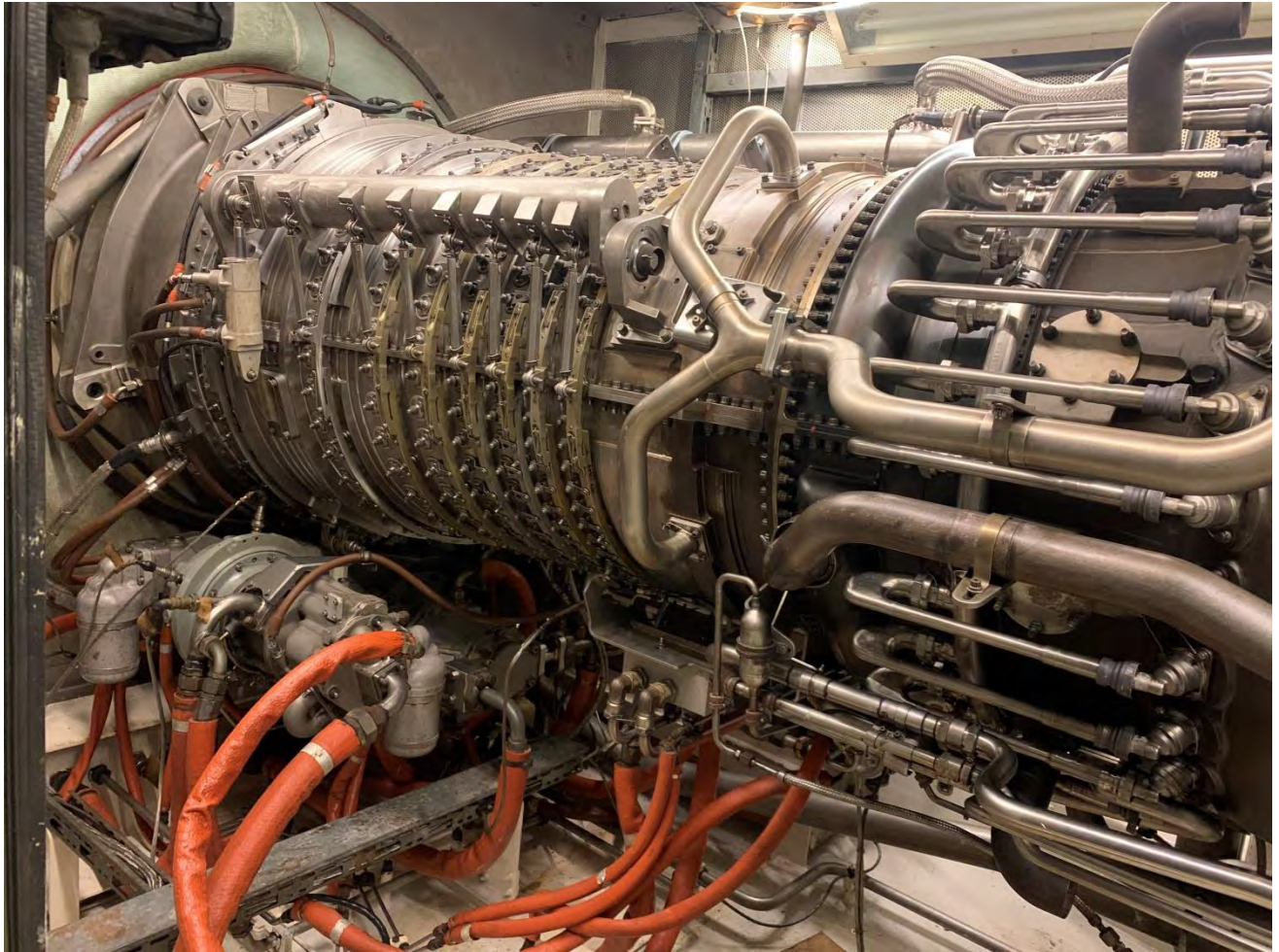
(After Maintenance)

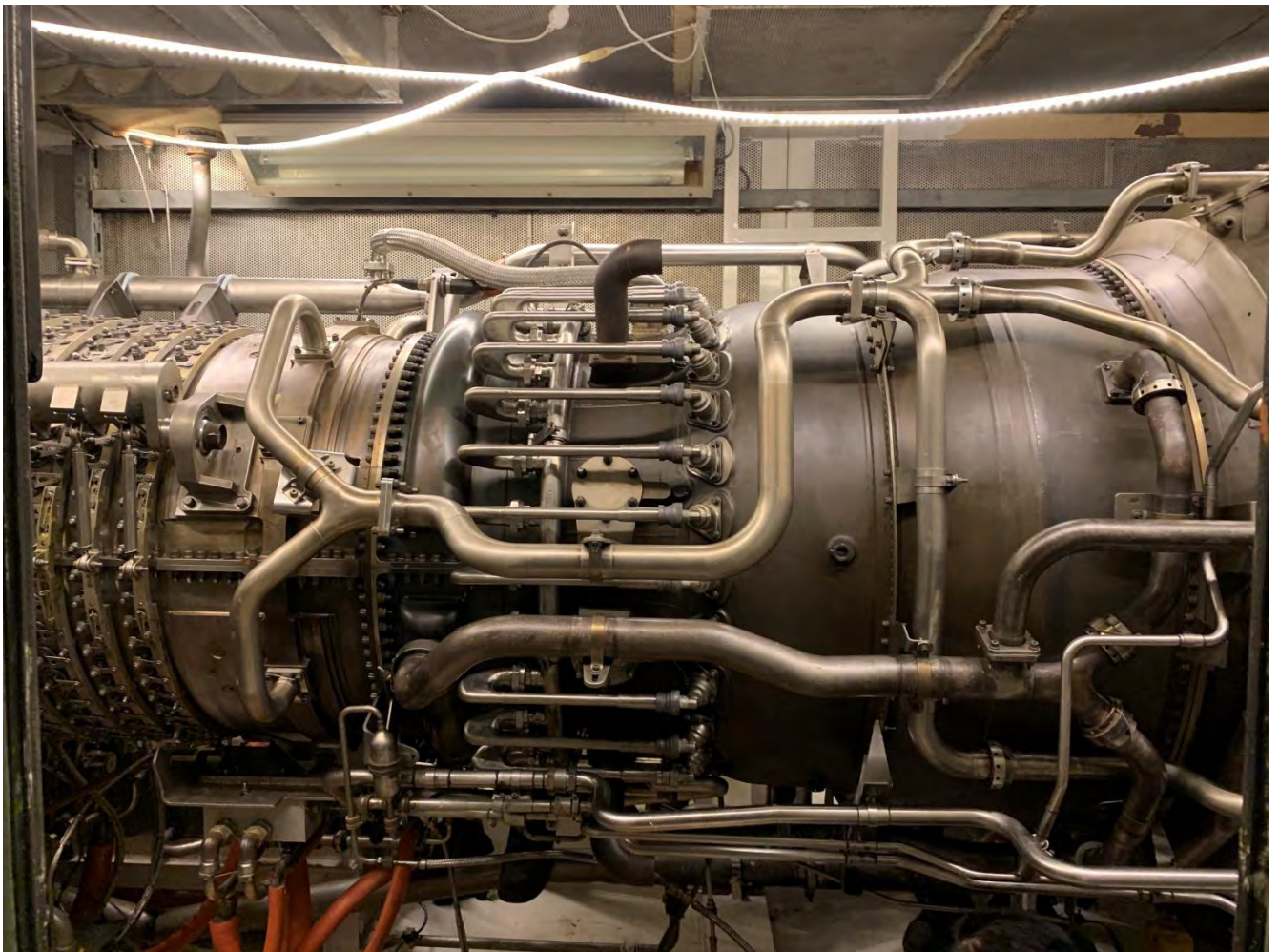
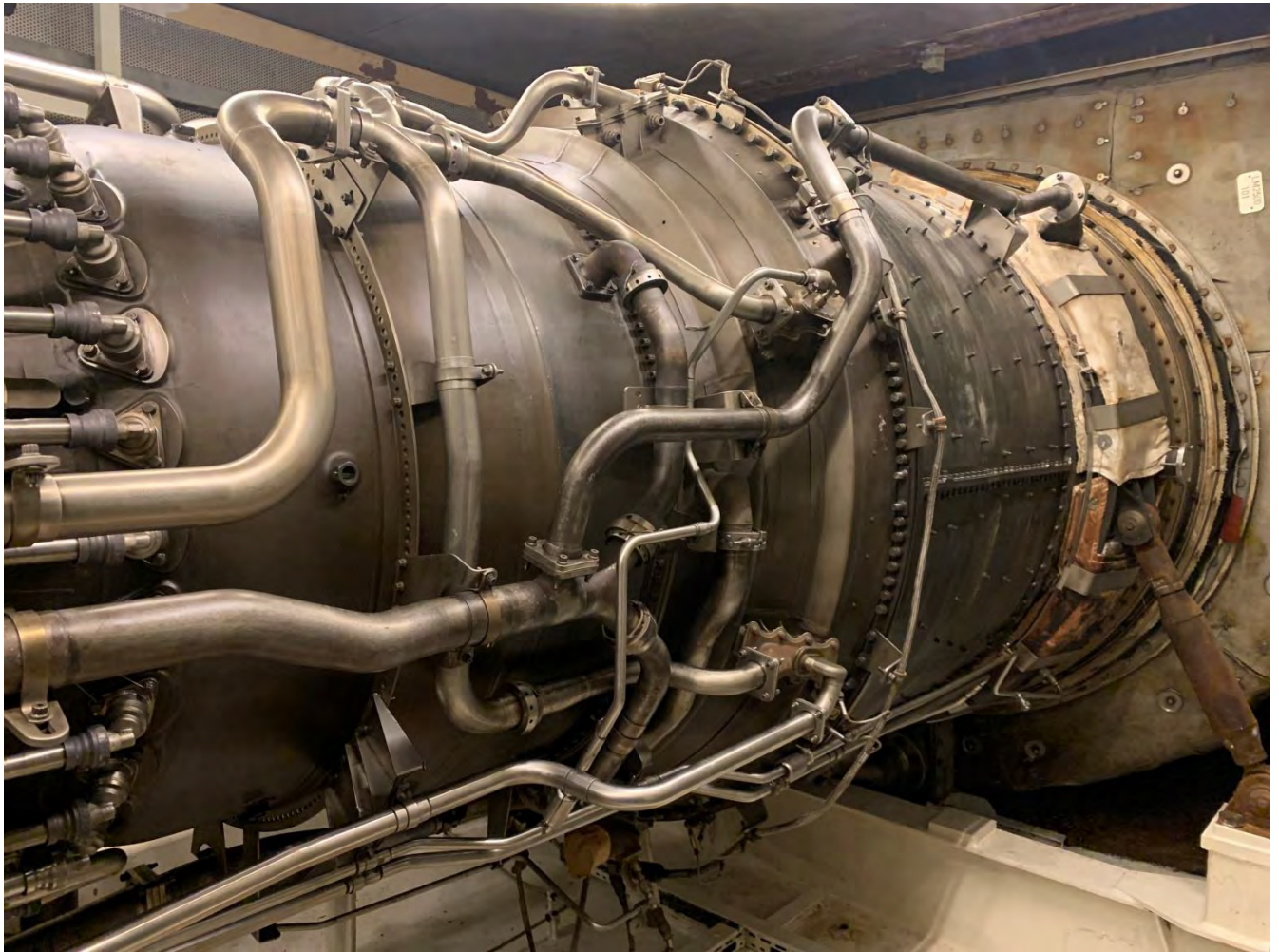


Model NO:LM2500FZMLG02

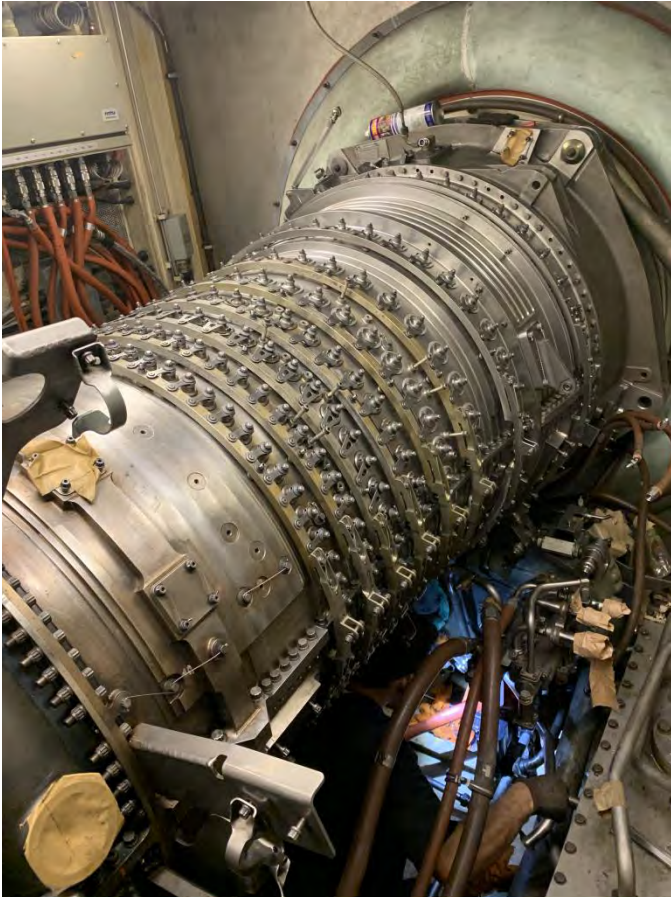
Engine Serial NO:565-103

		<i>GE Aircraft Engines</i>	
MARINE & INDUSTRIAL ENGINE DIVISION			
LM2500 GAS TURBINE ASSEMBLY			
MODEL NO	LM2500PZMLG02	SERIAL NO	565-103
ASSY NO		YEAR OF MFR	1999
CONTRACT NO	13-865070	0002A/HST/99	
RATING:	33520	BHP AT:	0
FT ALT			
INLET AIR TEMP	3600	POWER TURB RPM	
INLET LOSS	6.02	IN H ₂ O EXHAUST LOSS	8.03
IN H ₂ O			
FUEL	MID-10-0000-2	LUBE OIL	MIL-L-23699
102A539P01 CINCINNATI, OHIO 45215		MADE IN USA	



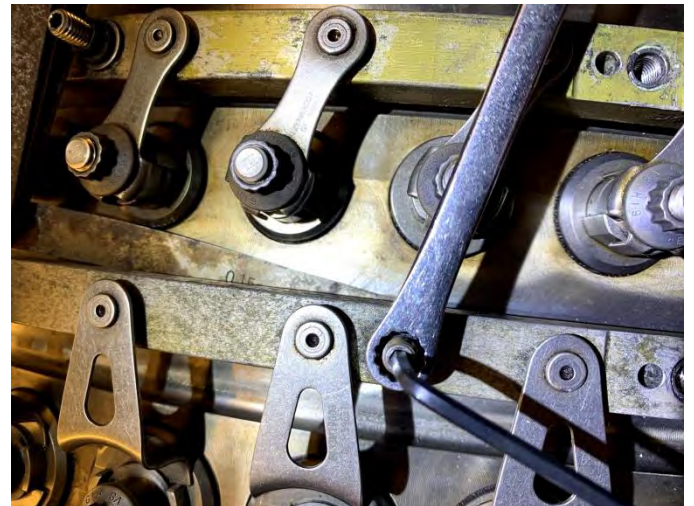
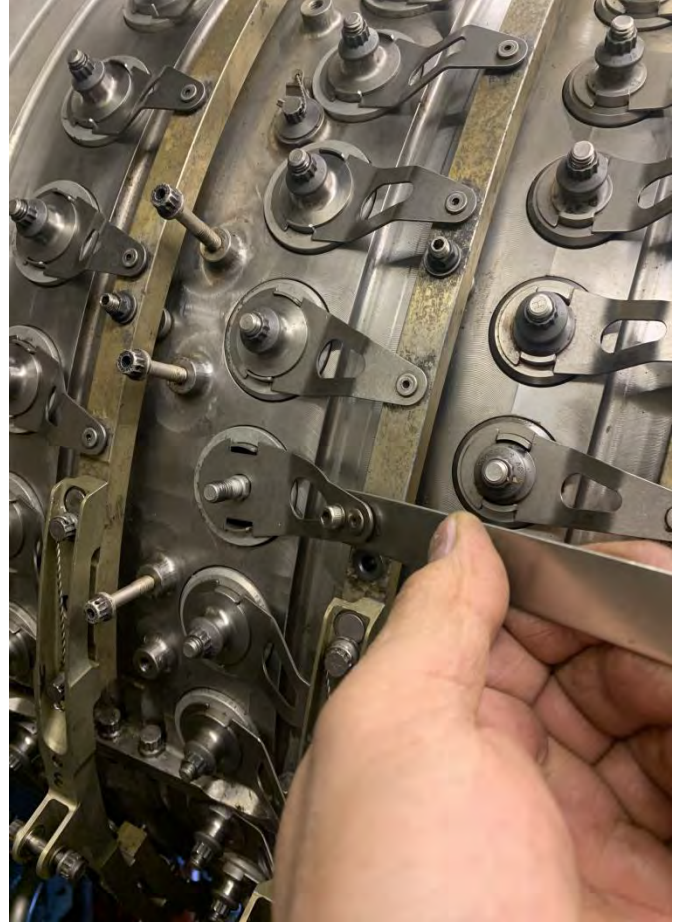


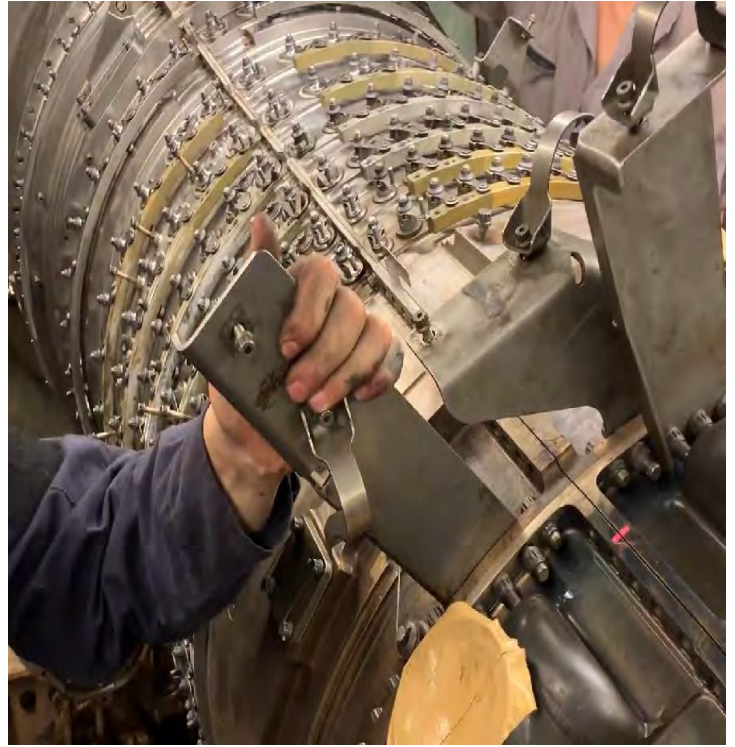
Gas Generator assembly (GG):



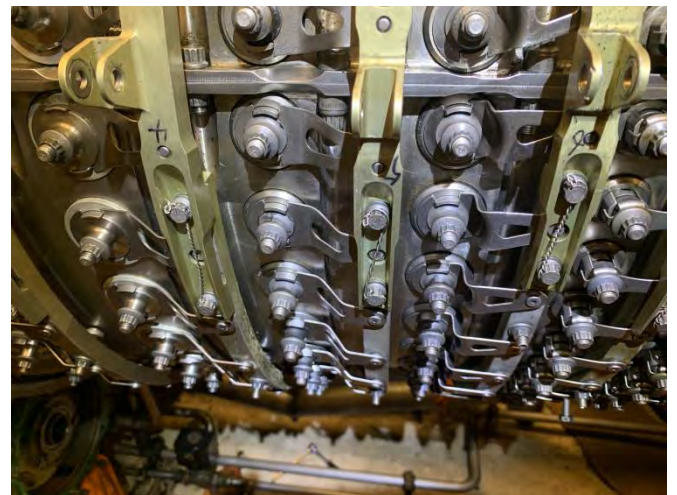
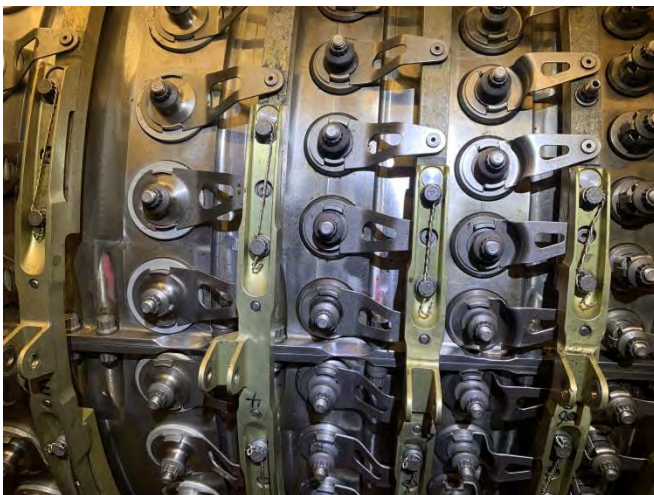
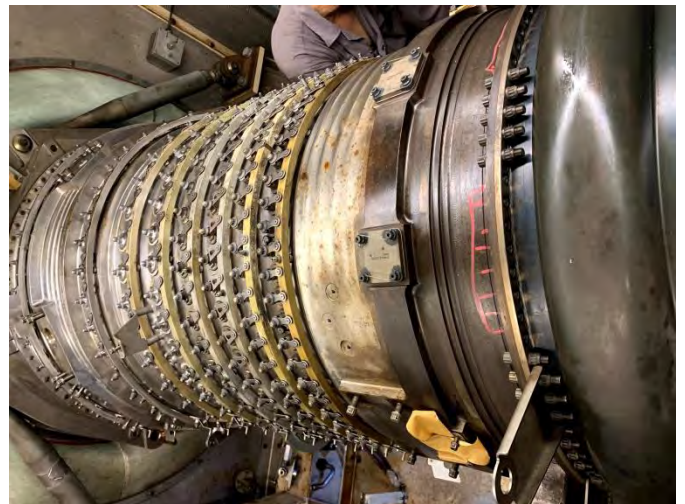
VSV(Variable Stator Vane)Maintenance







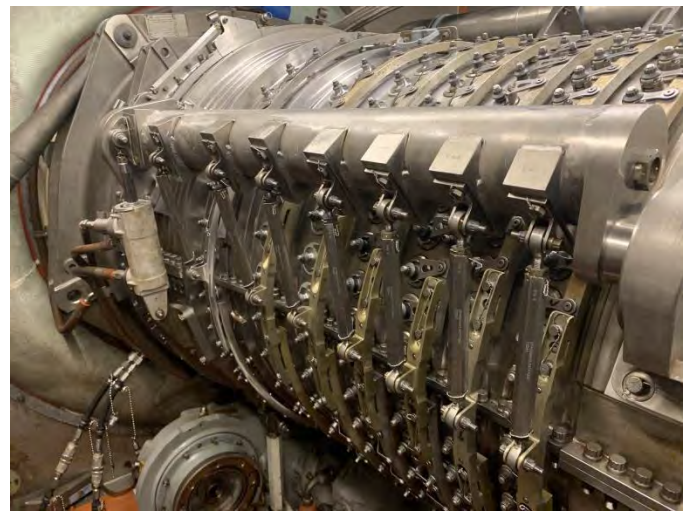
turn it up side down and maintenance



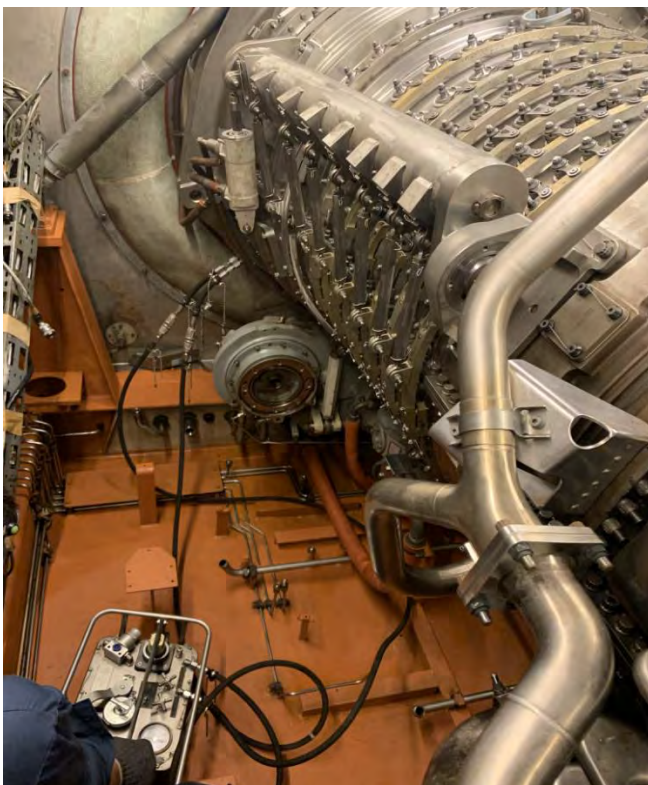


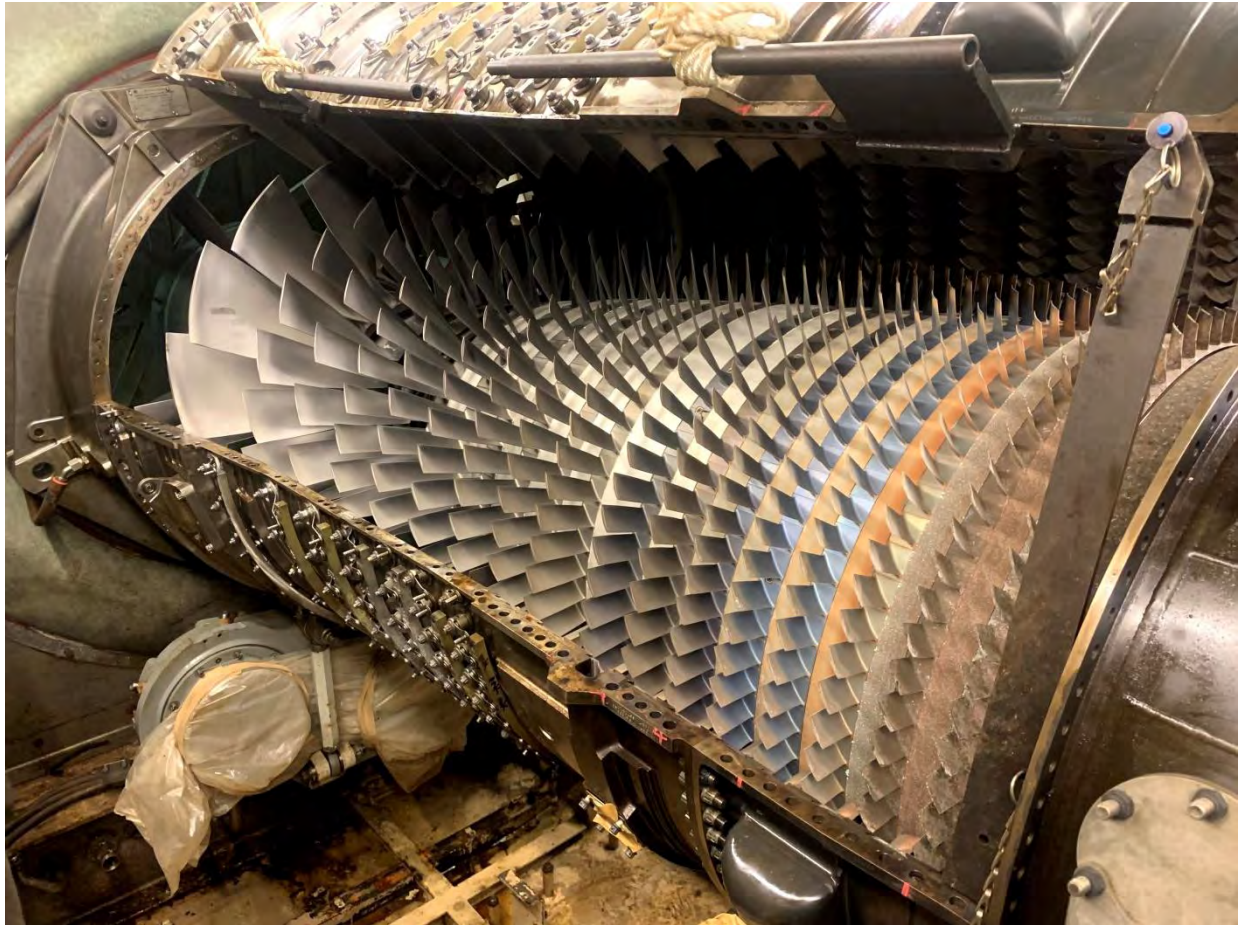
VSV Act SER.NO:APM LH138

VSV Actuators(L43418P02)



Pressure to the actuators is maintain 110 PSIG.

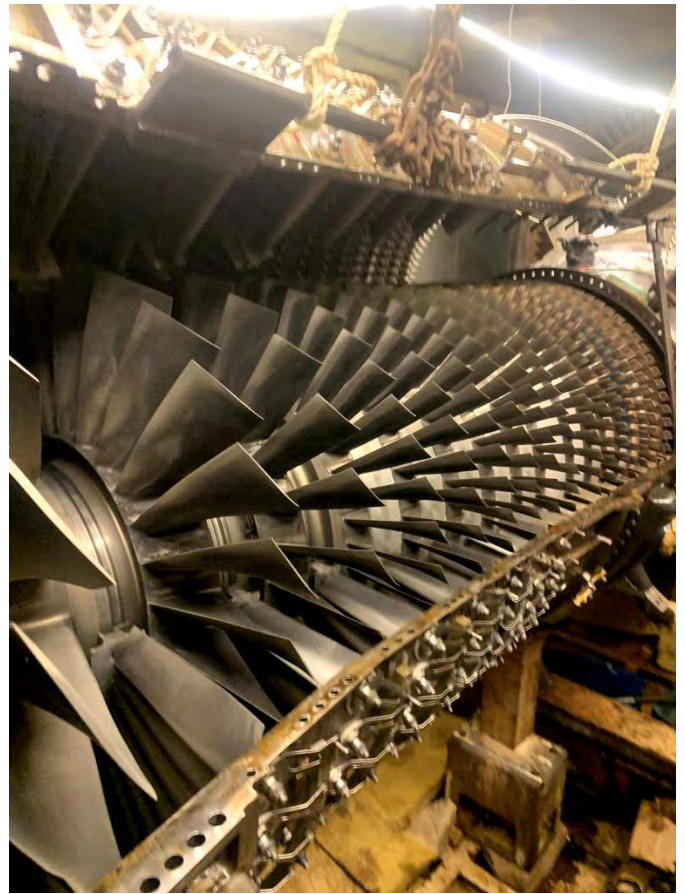




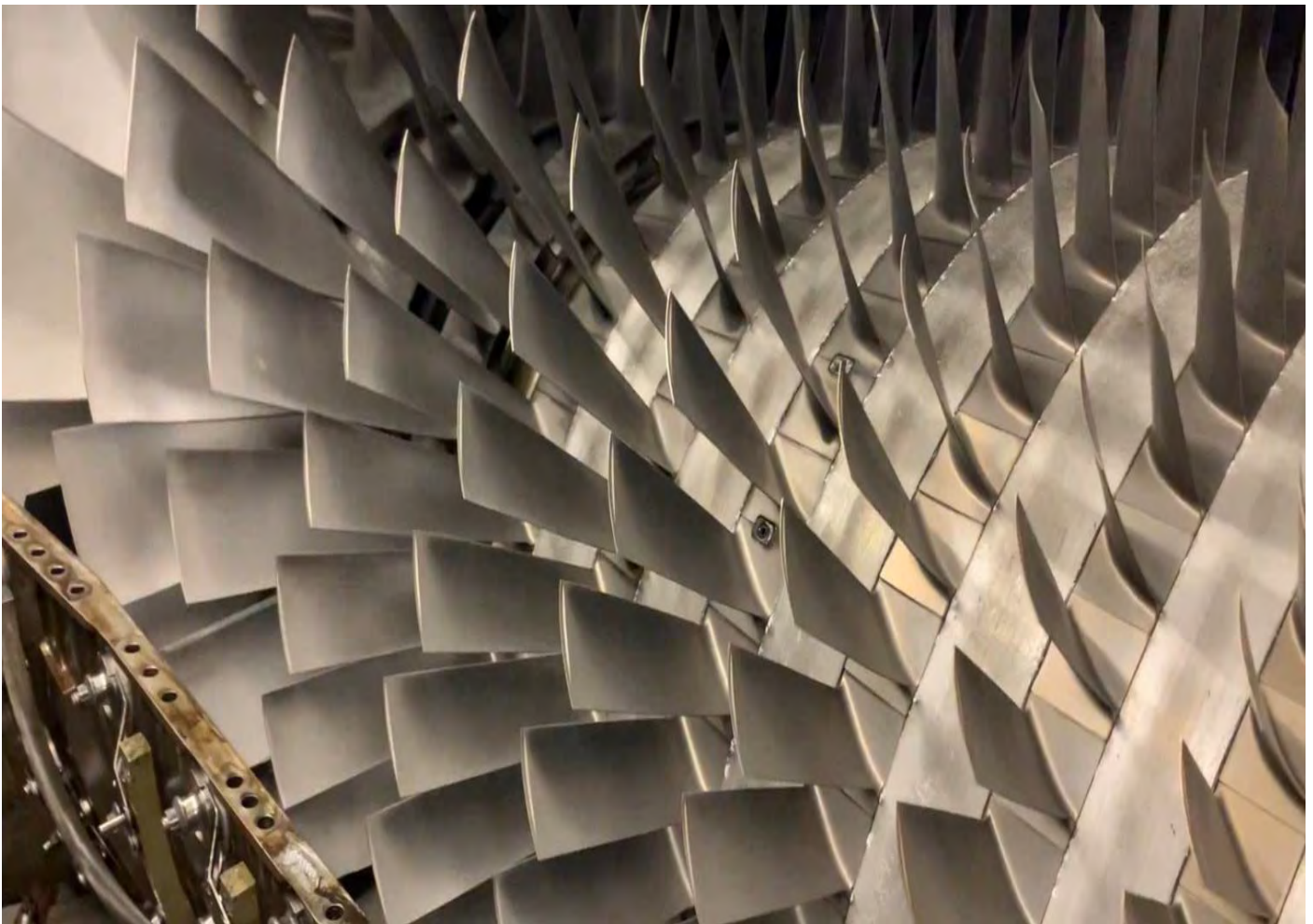
Open Compressor case



Clean compressor blade

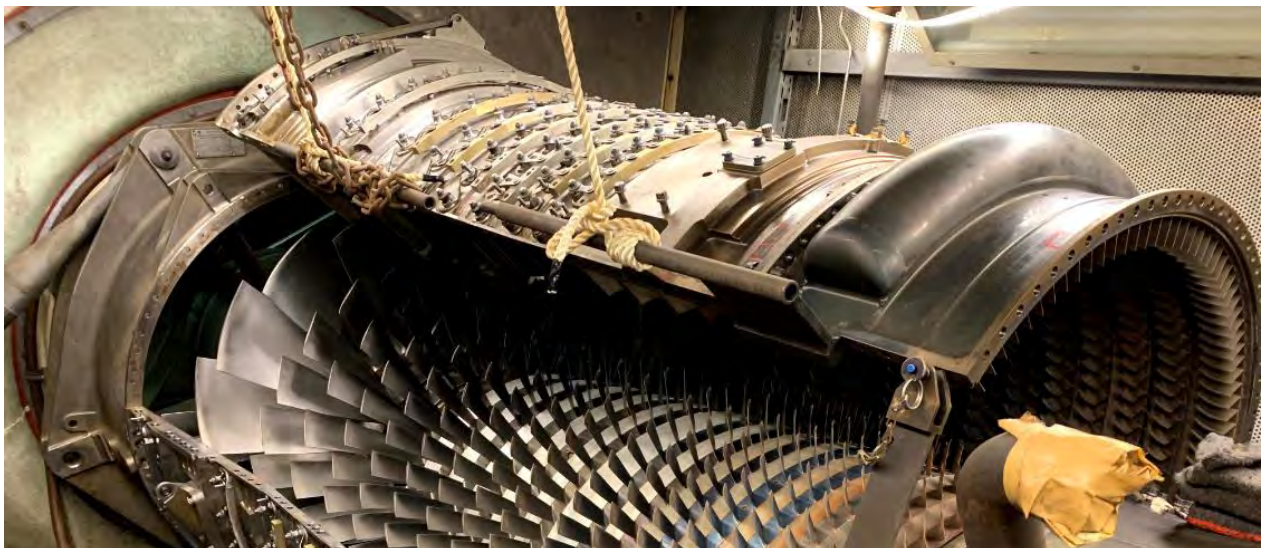
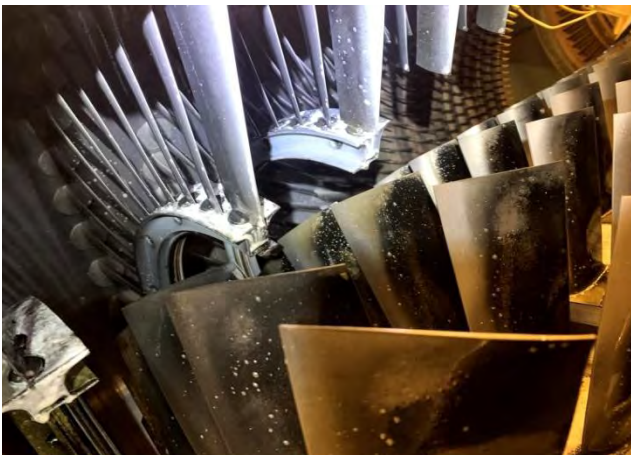


All 17 stage rotor blades is good





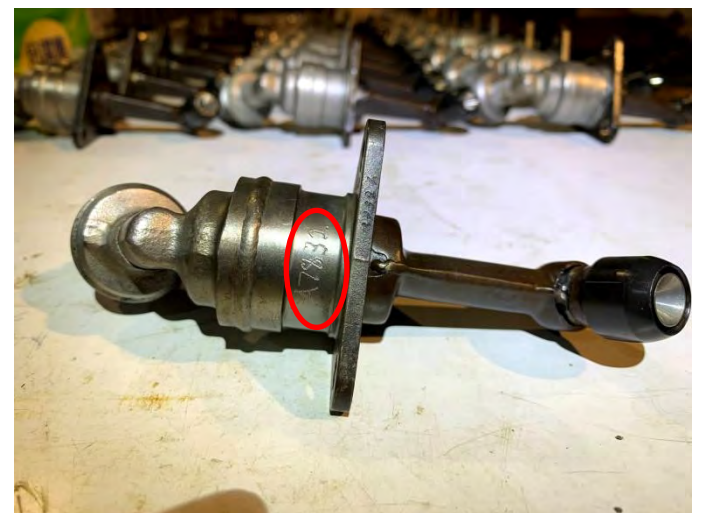
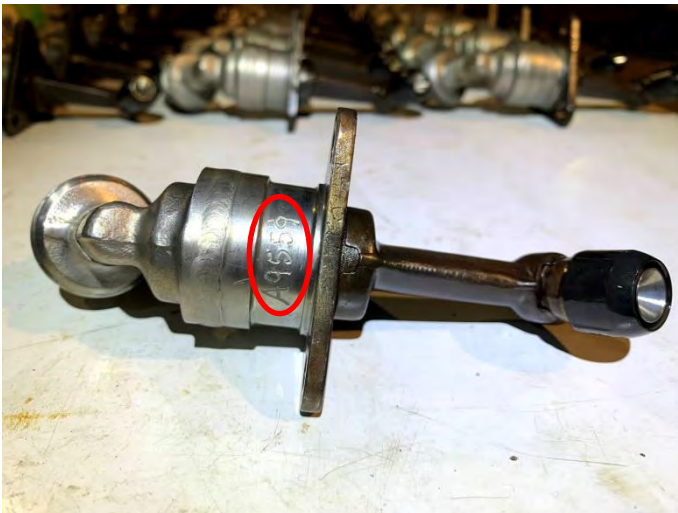
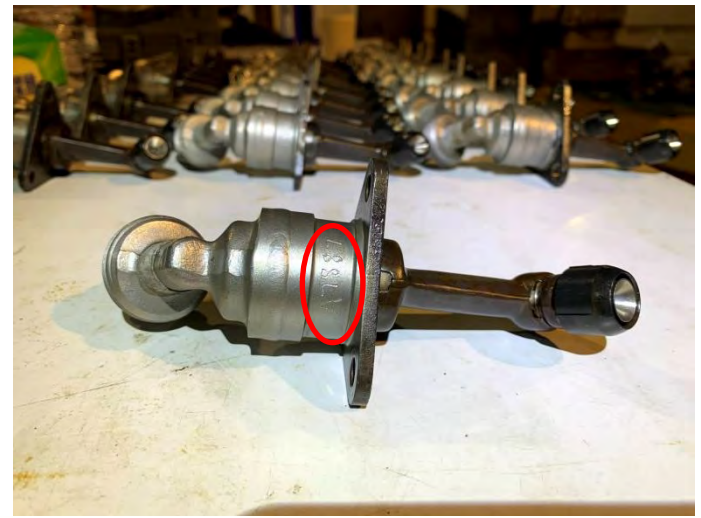
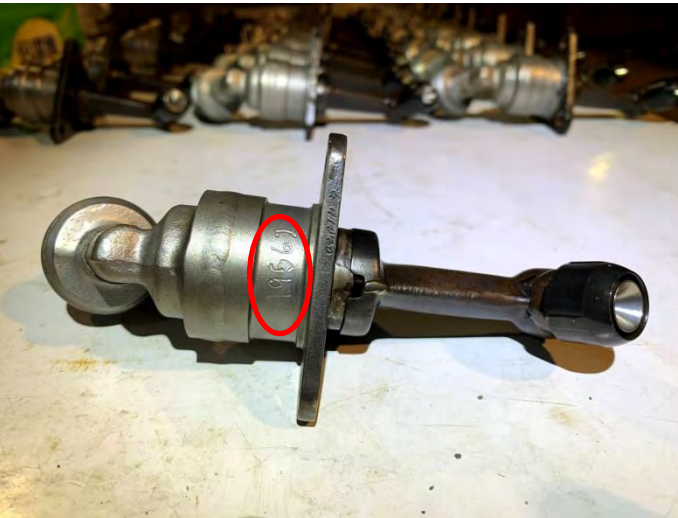
Variable stator vane clean

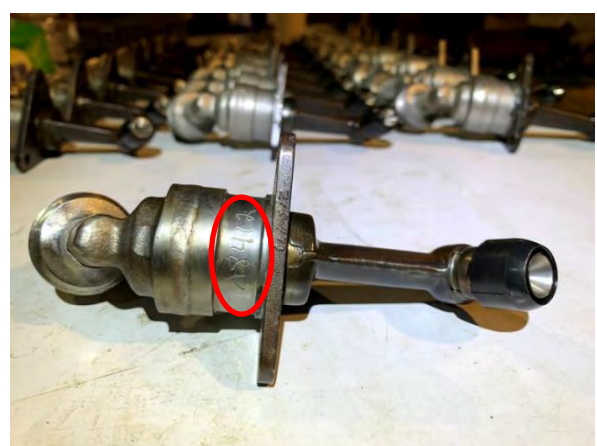
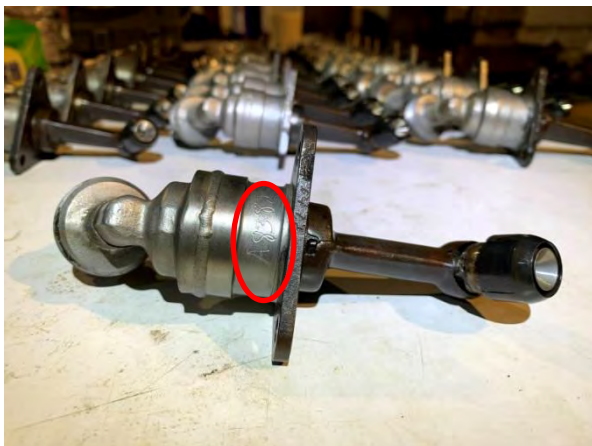
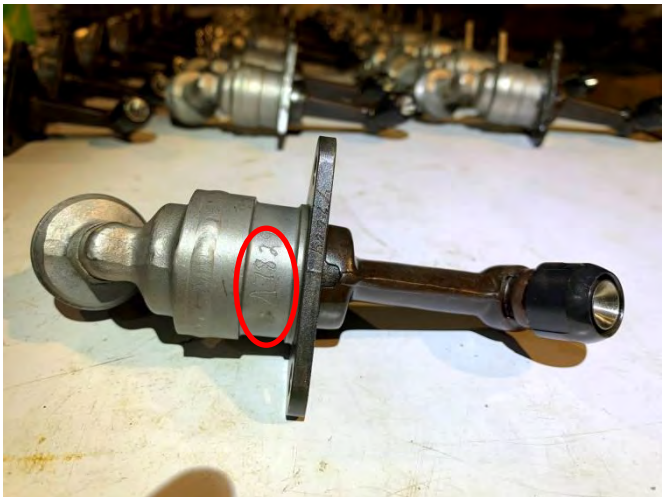
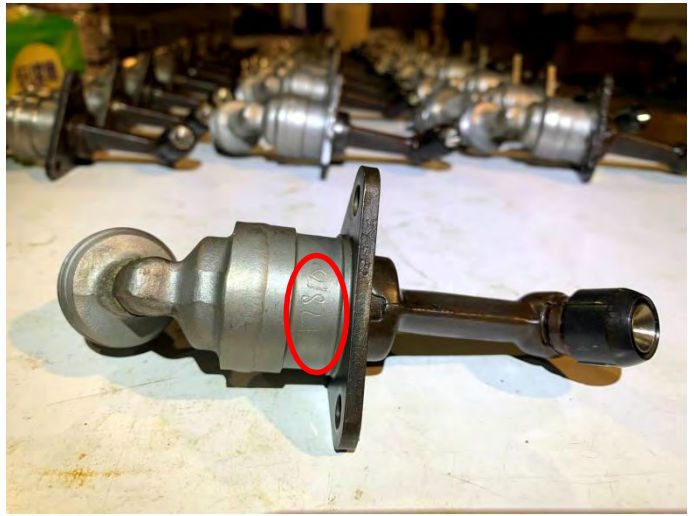
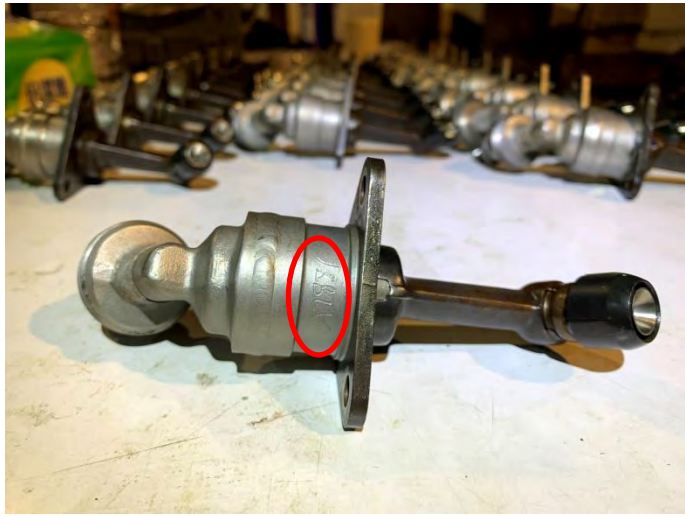
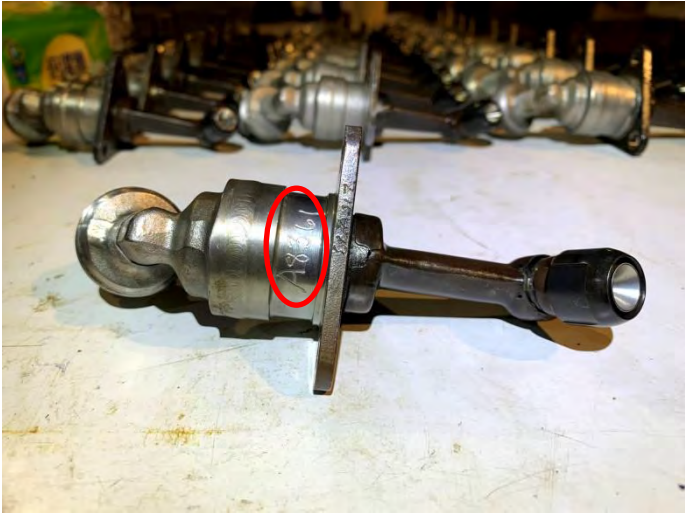


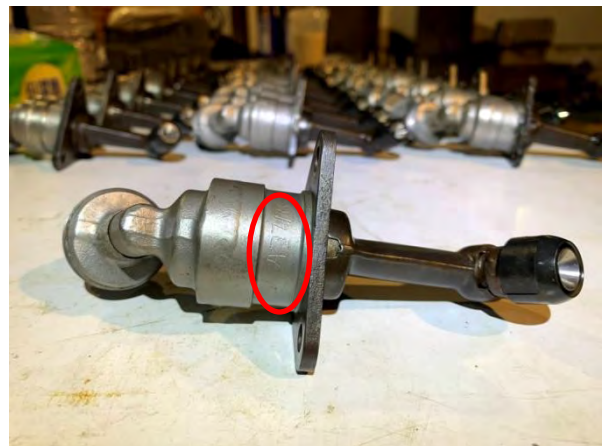
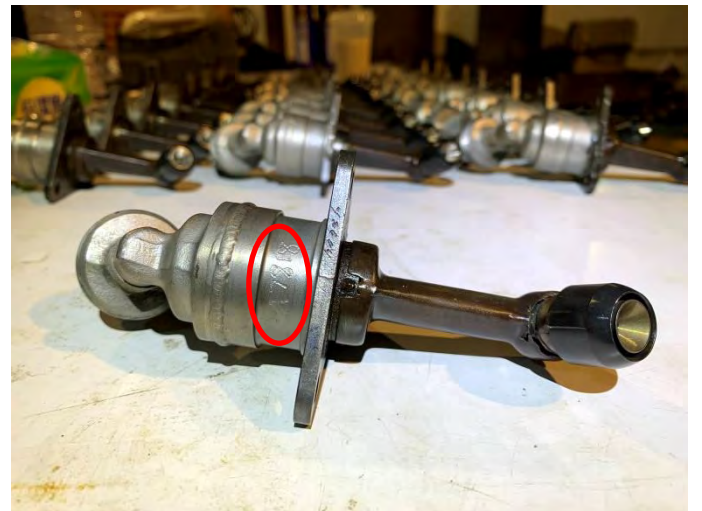
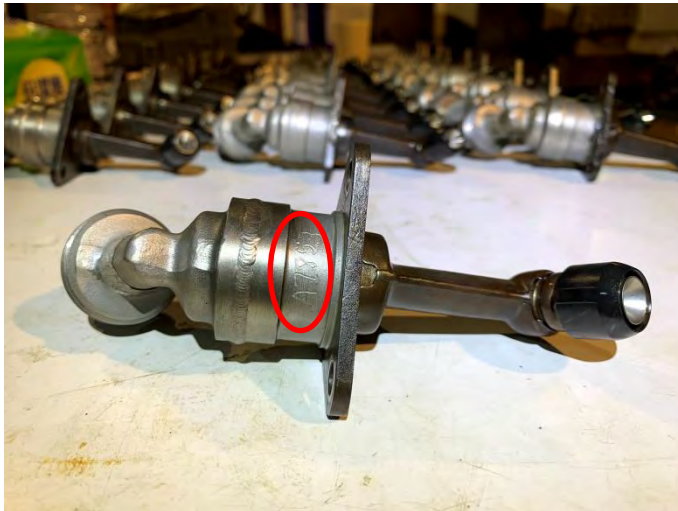
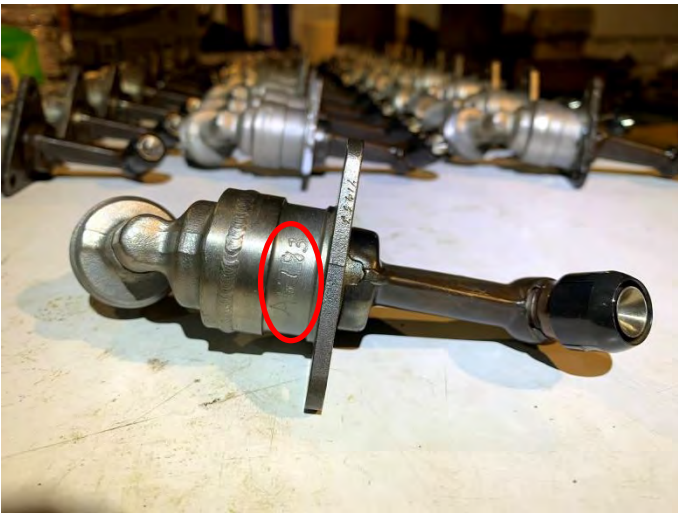


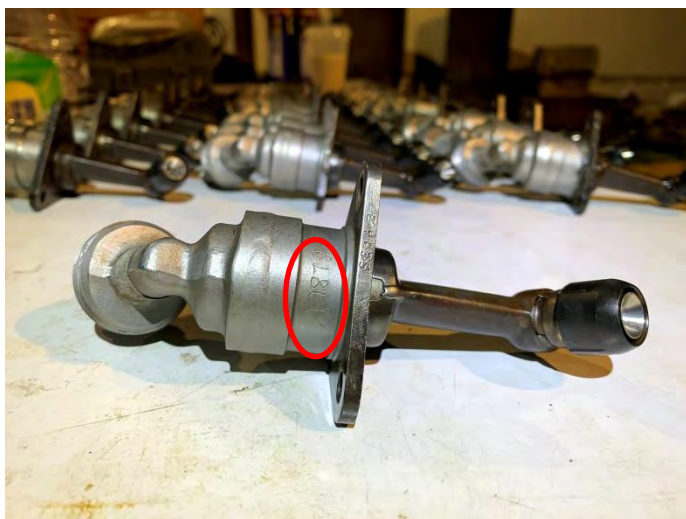
Fuel nozzle clean and Serial Number

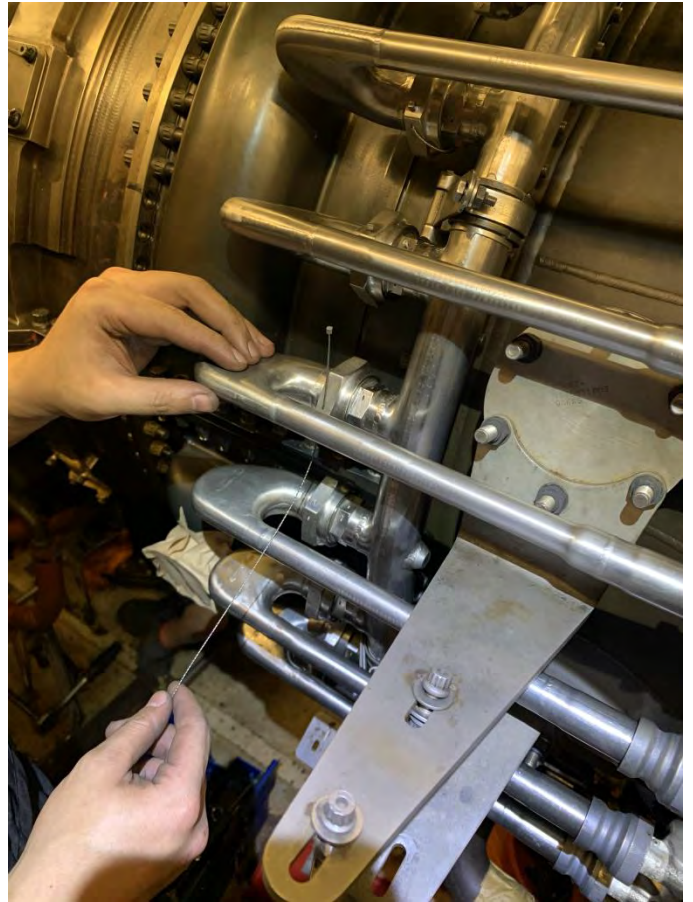
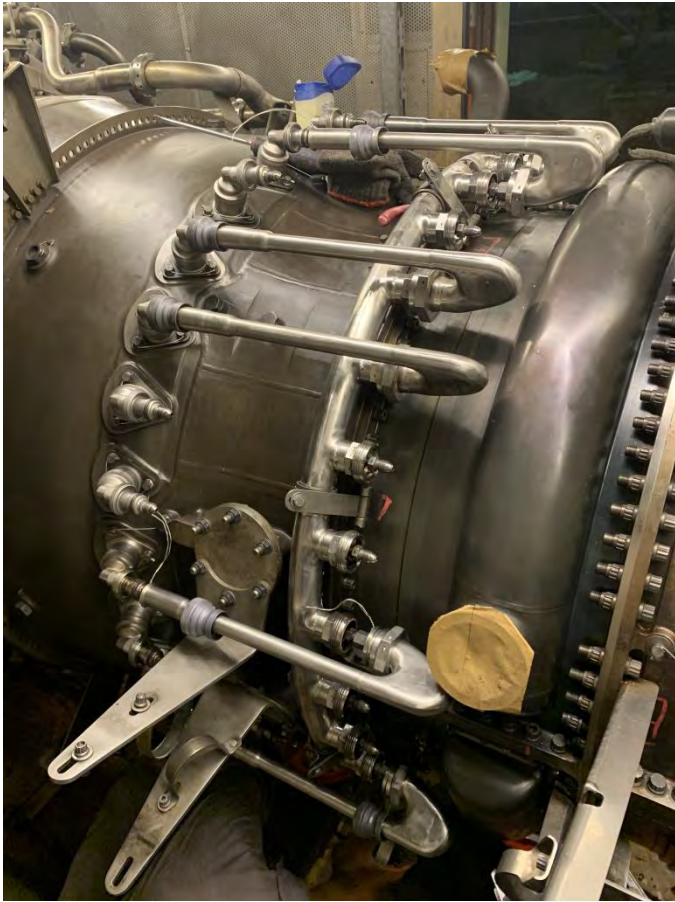




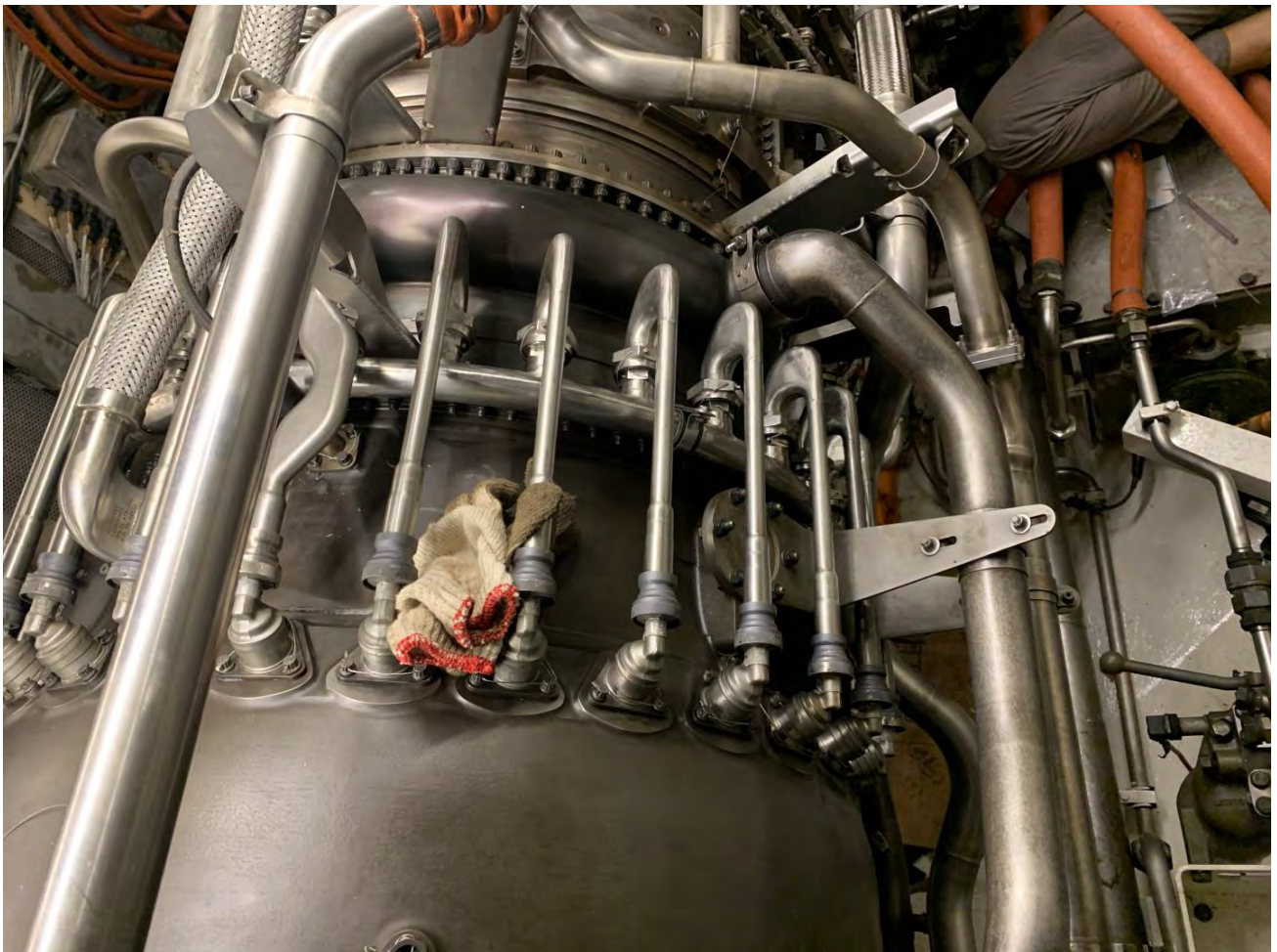








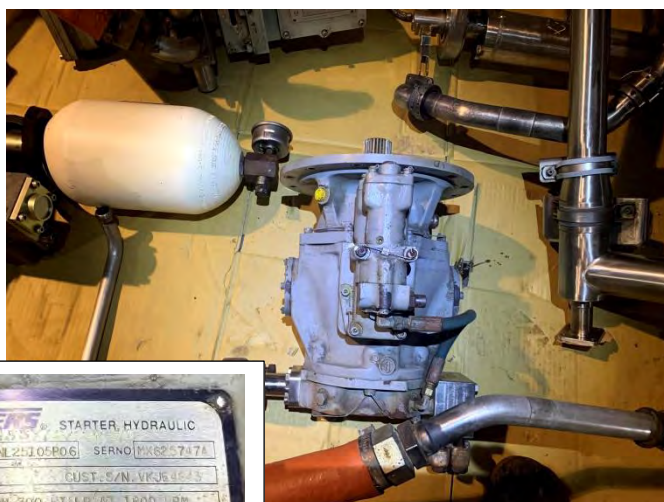
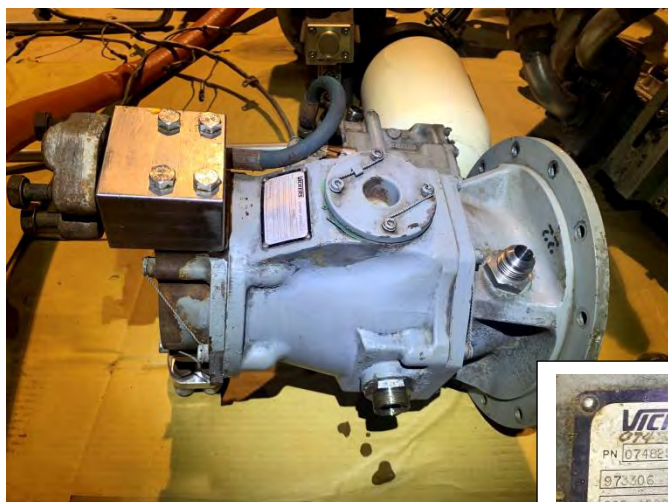
Fuel Nozzle Re-Installation



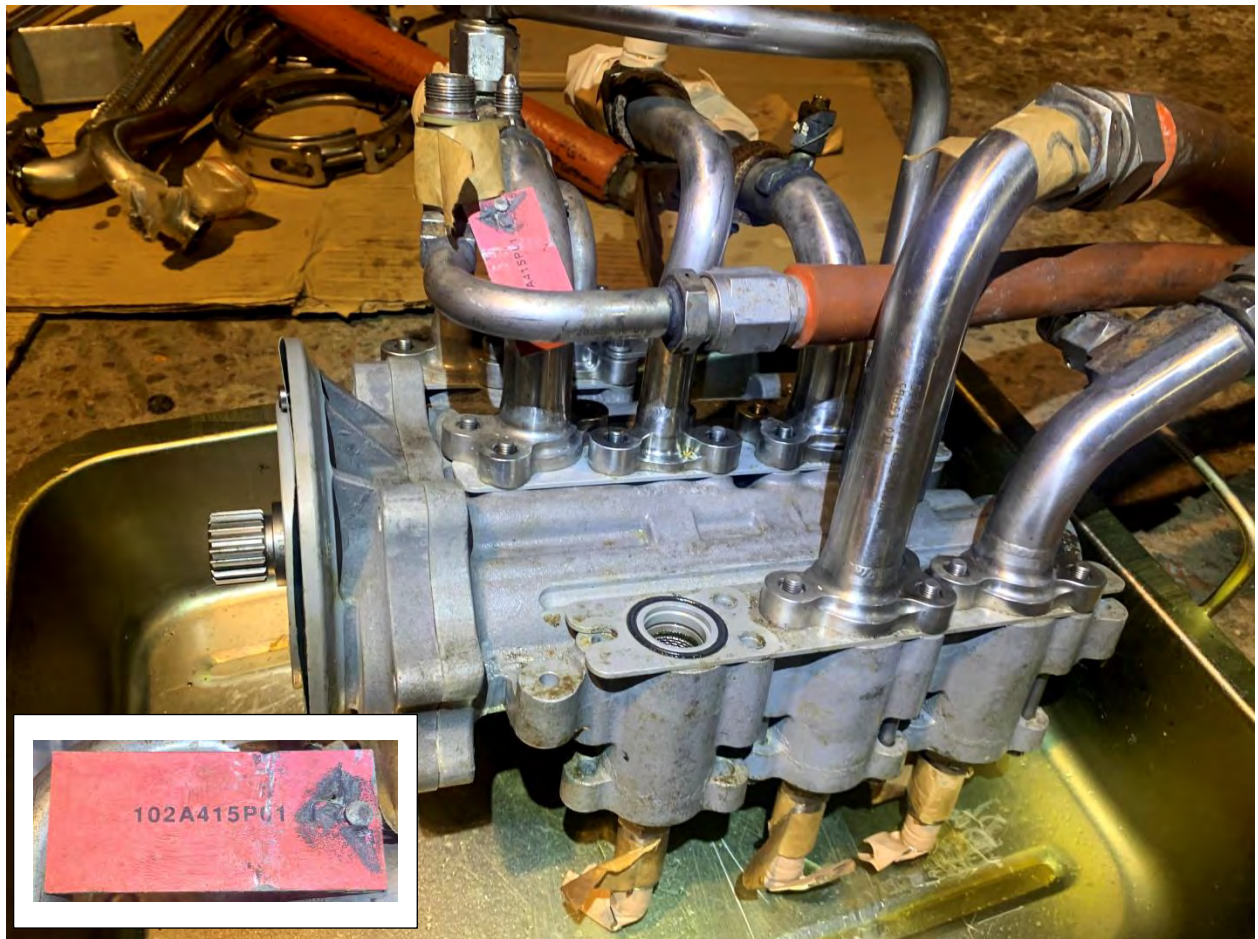
Accessory Pump:



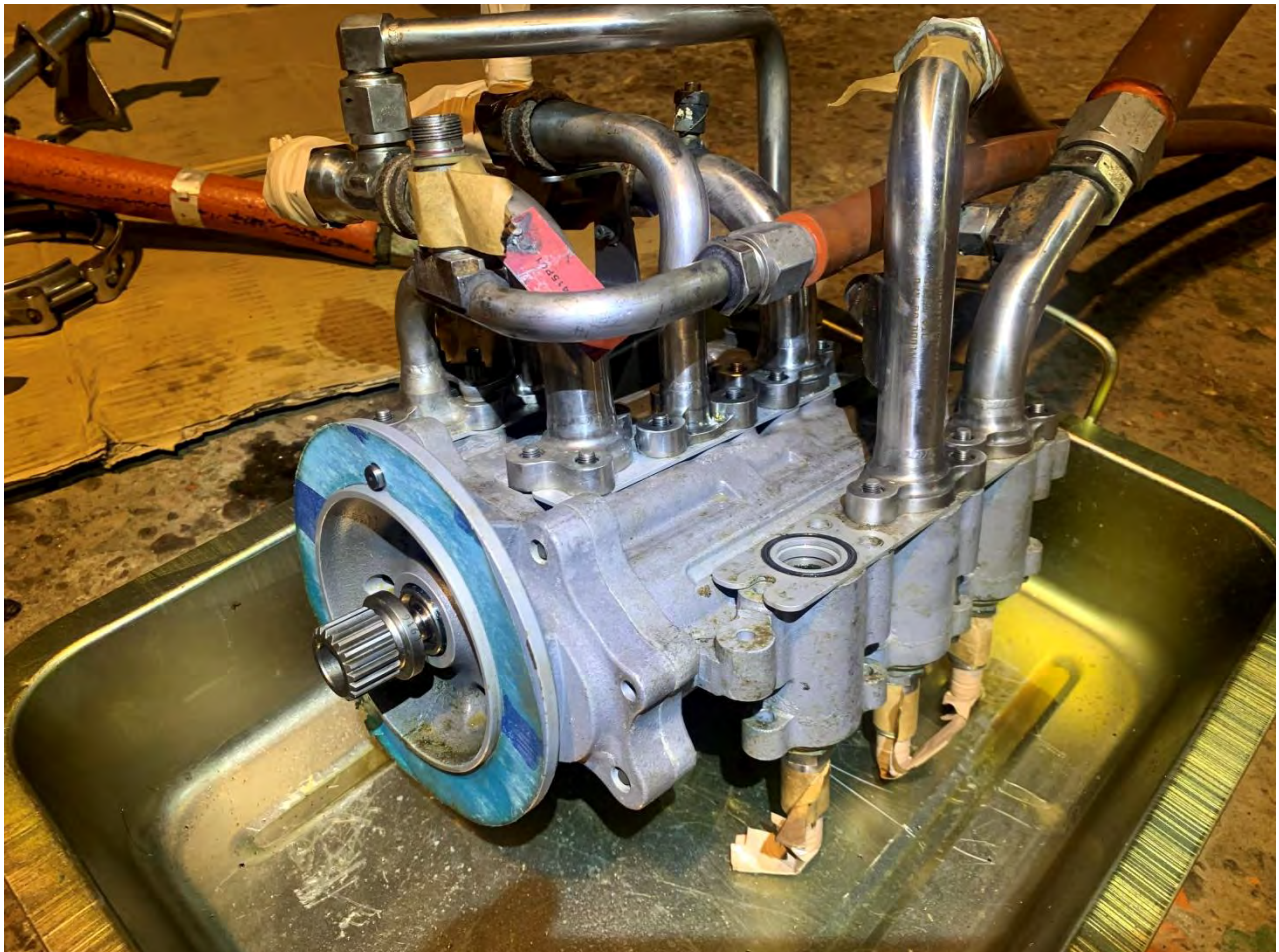
Fuel pump

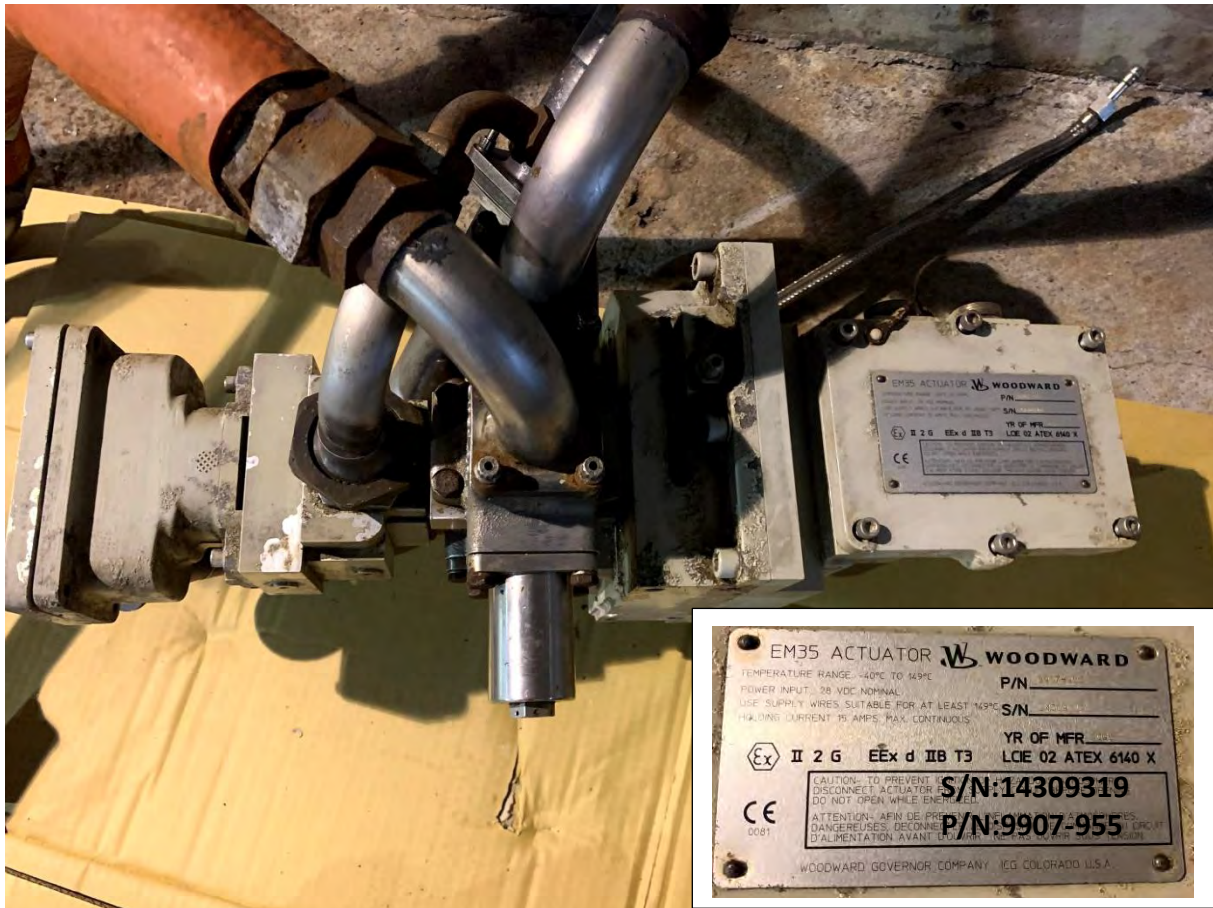


HYDRAULIC STARTER ASSEMBLY

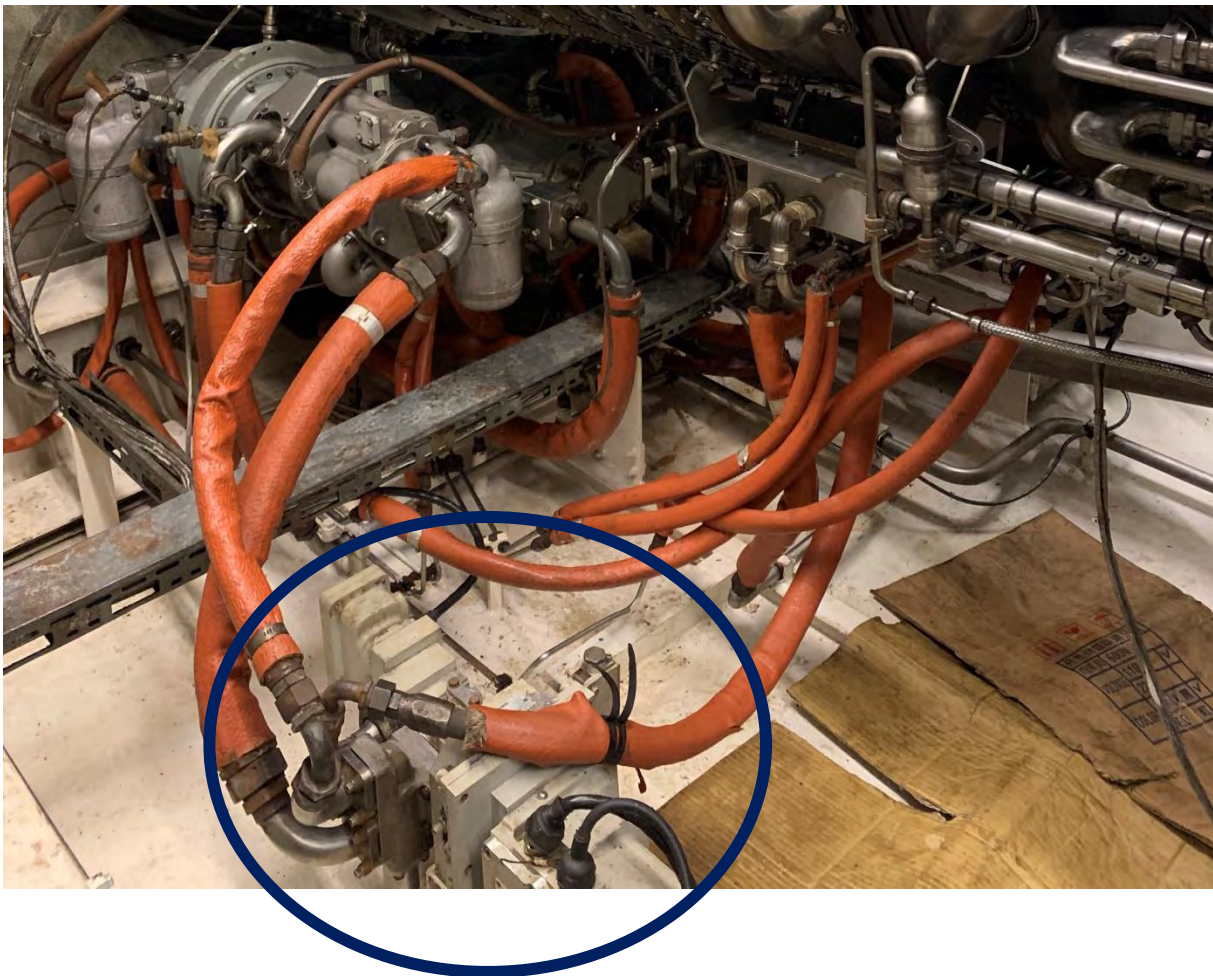


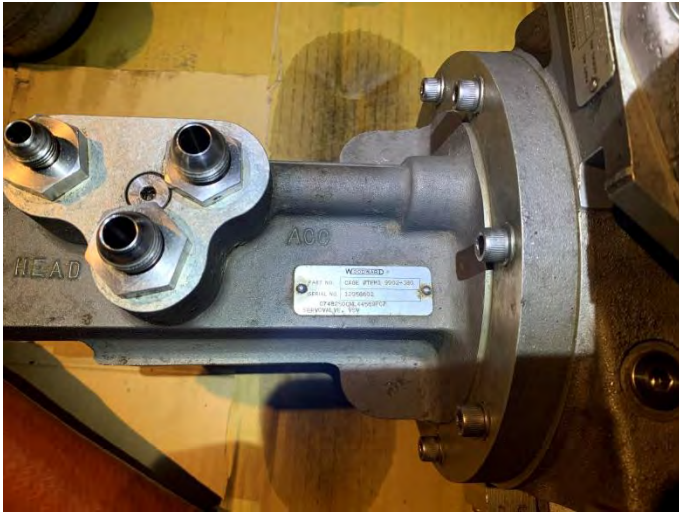
Oil&Scavenge pump



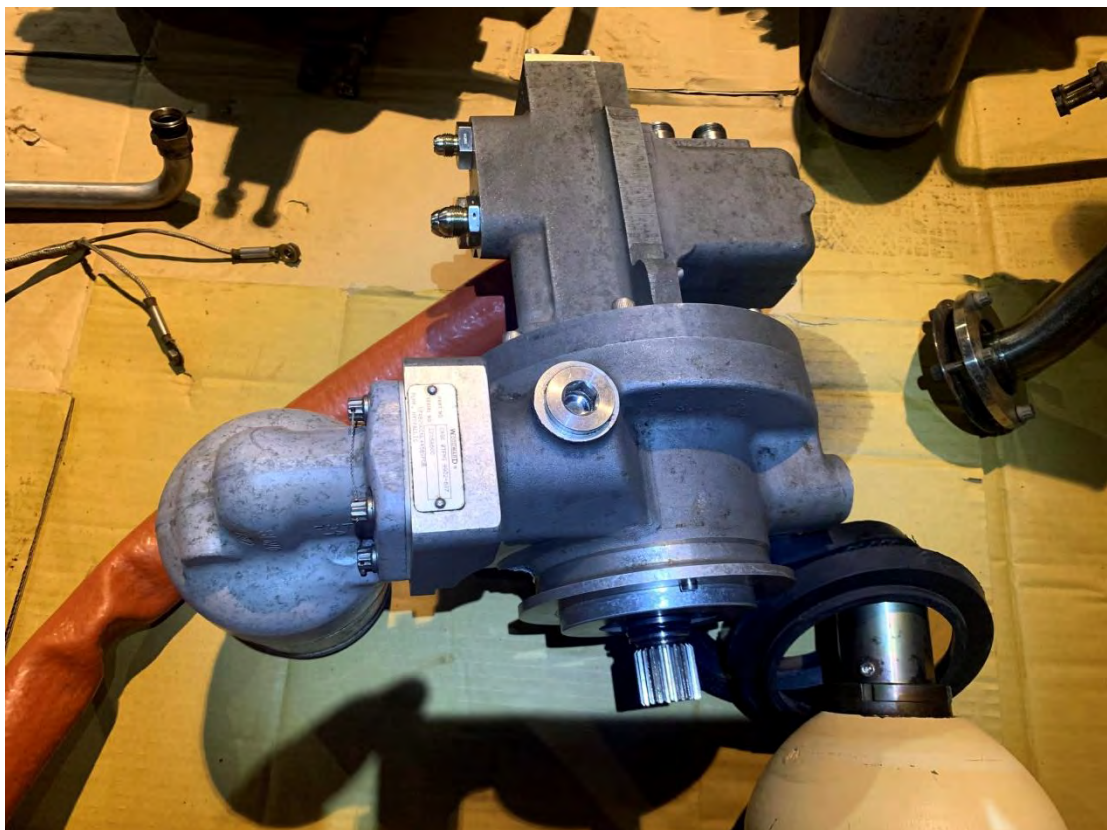


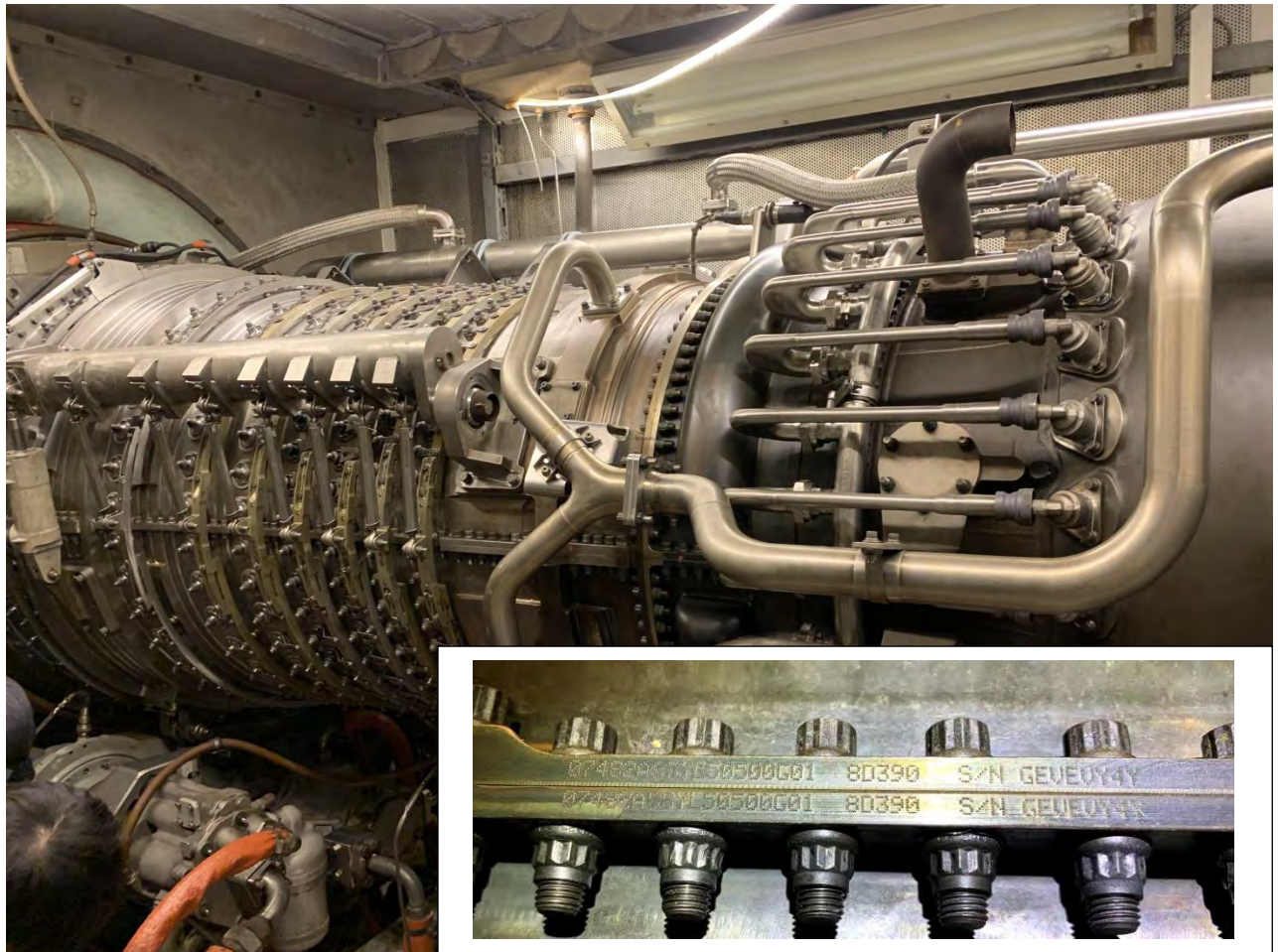
Buyer-provided Electronic Control



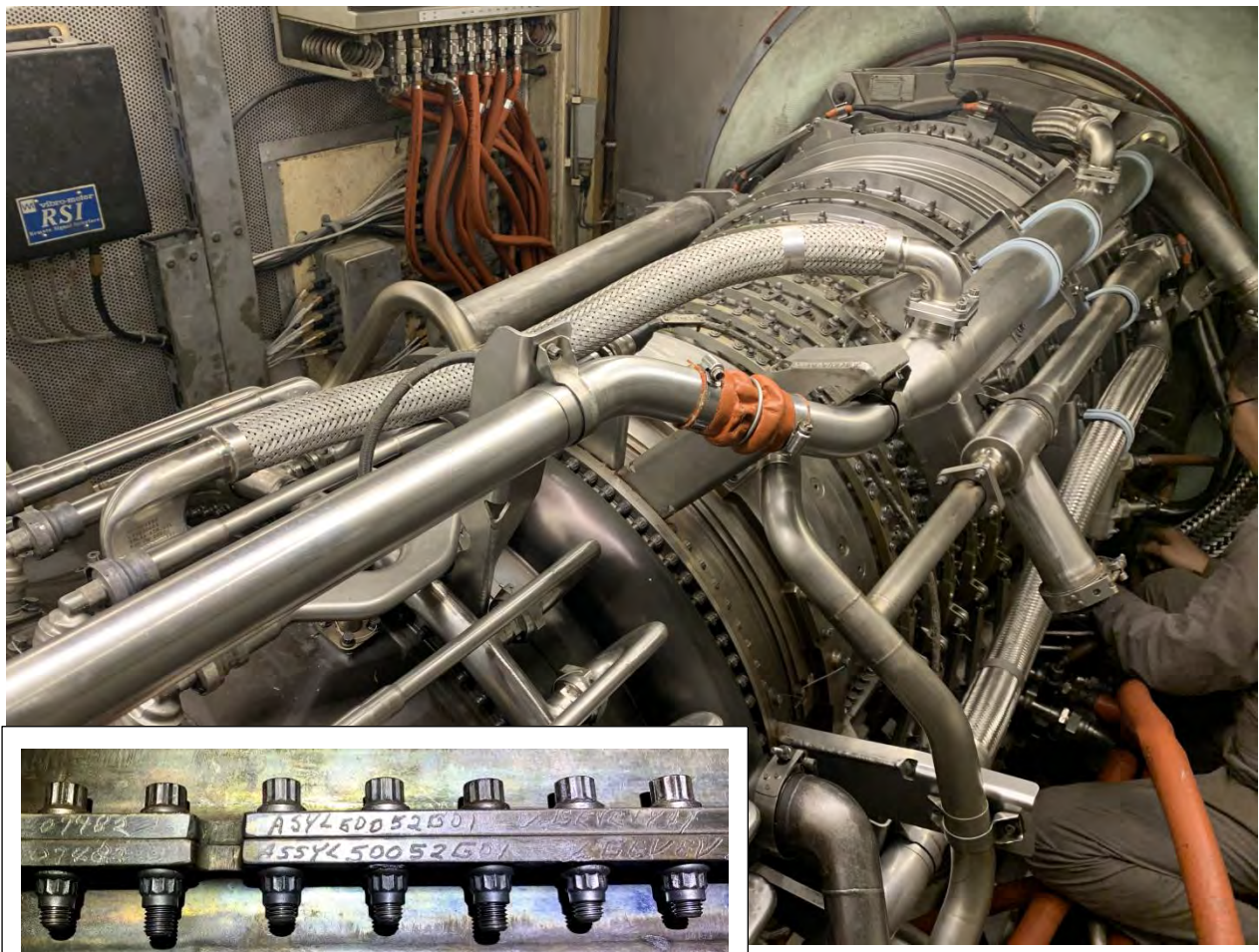


HYDRAULIC PUMP AND VARIABLE STATOR VANE SERVOVALVE

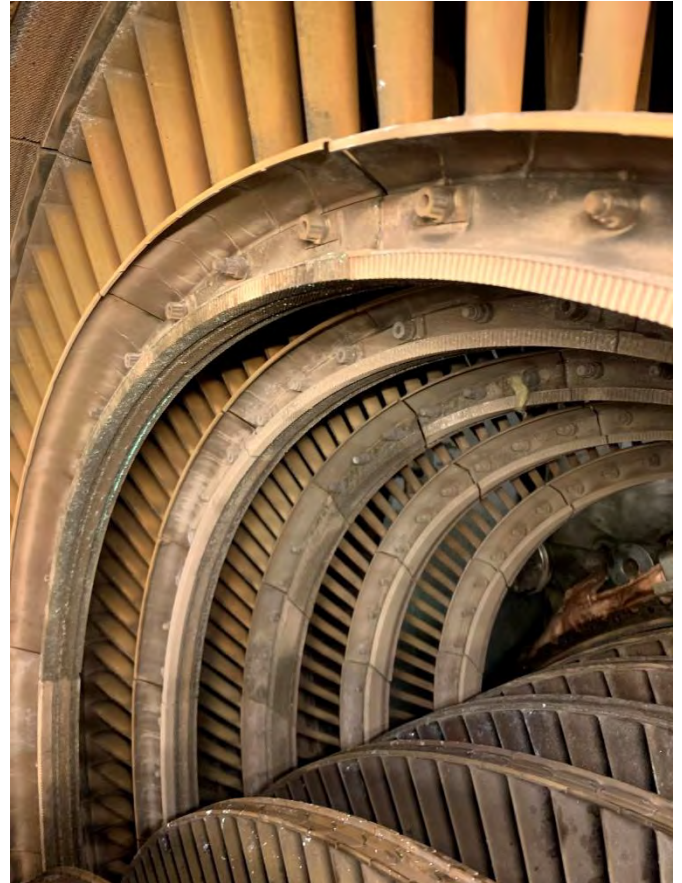
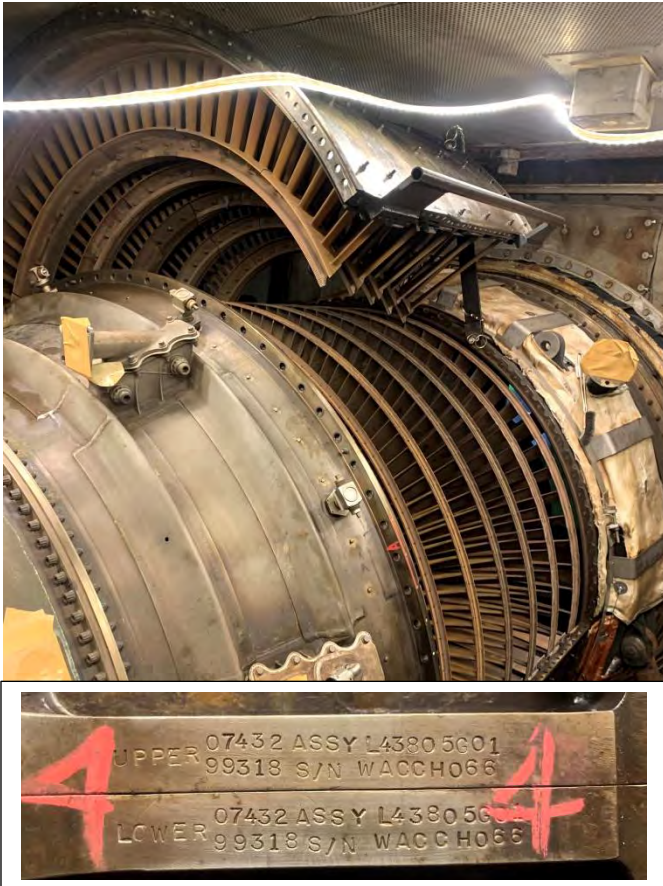




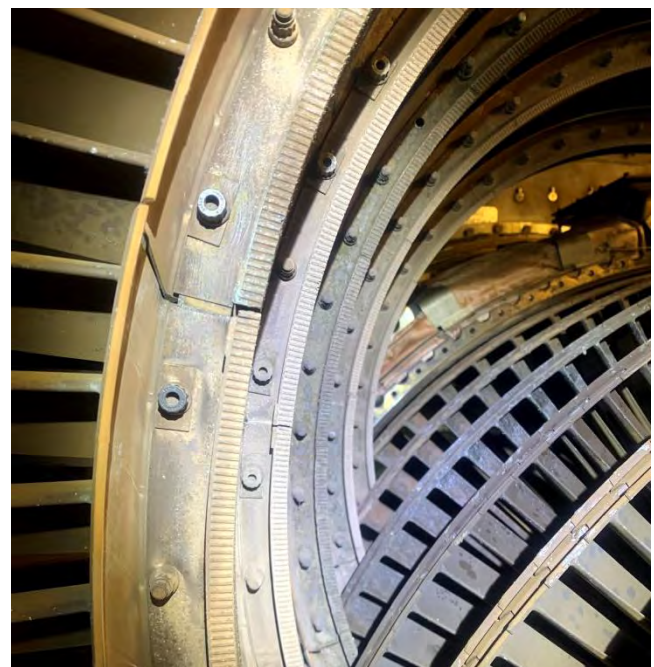
GG After maintenance



Power Turbine assembly (PT):

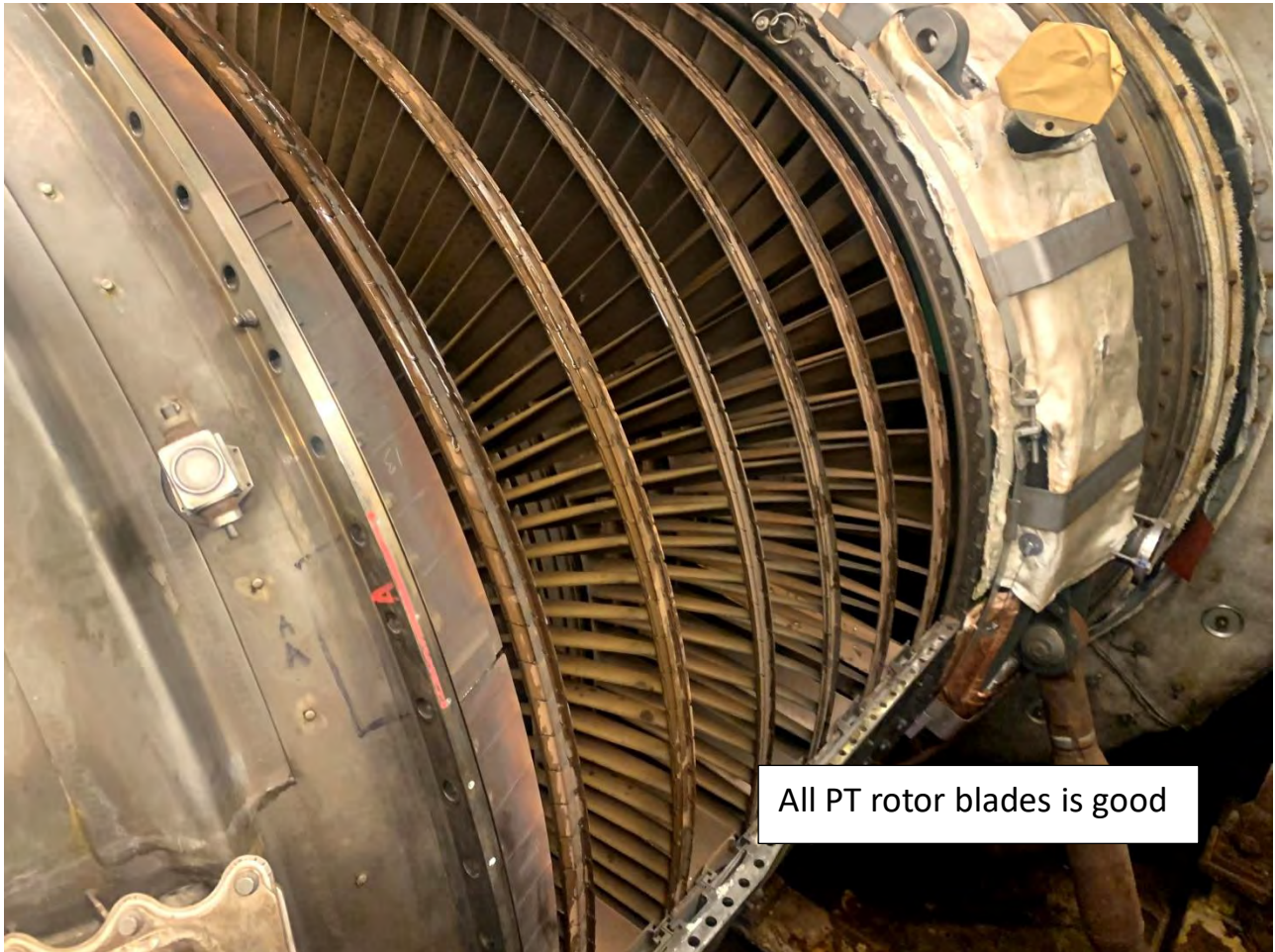


Power Turbine Case

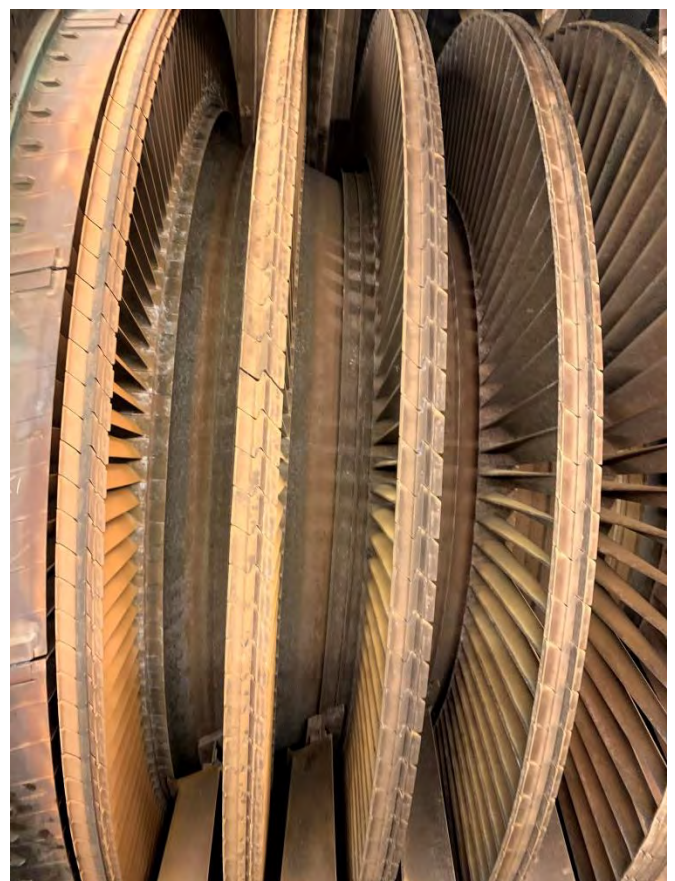


**100% installation of Cast
Six Vane Nozzle Segments**

Stage 2 interstage seal bolts :9688M01P03



Power Turbine Rotor



Oil Wetting Bearing:



D-Sump-#7 Bearing(TRF)



C-Sump-#5,#6 Bearing(TMF)



B-Sump-#4 Bearing(CRF)





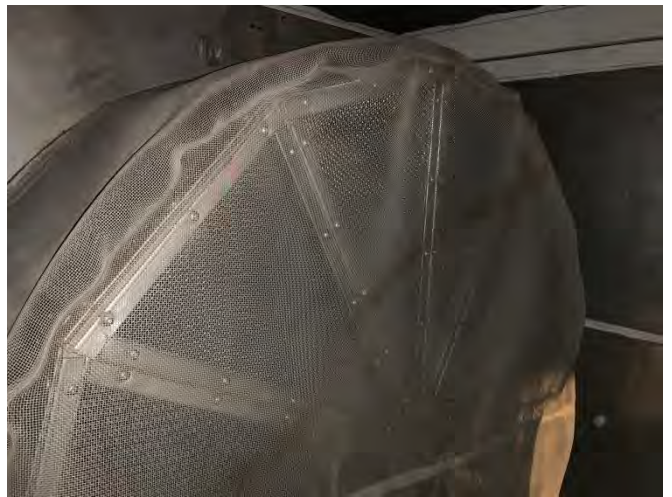
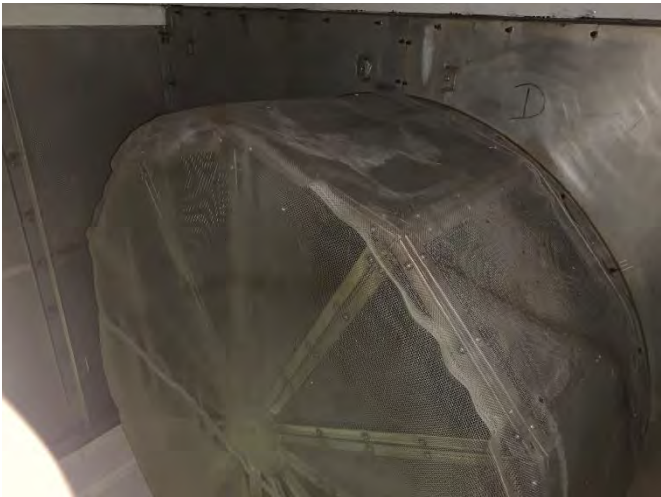
A- Sump-#3 Bearing And accessory gearbox(CFF)



Inlet Plenum Clean:



Inlet Screen



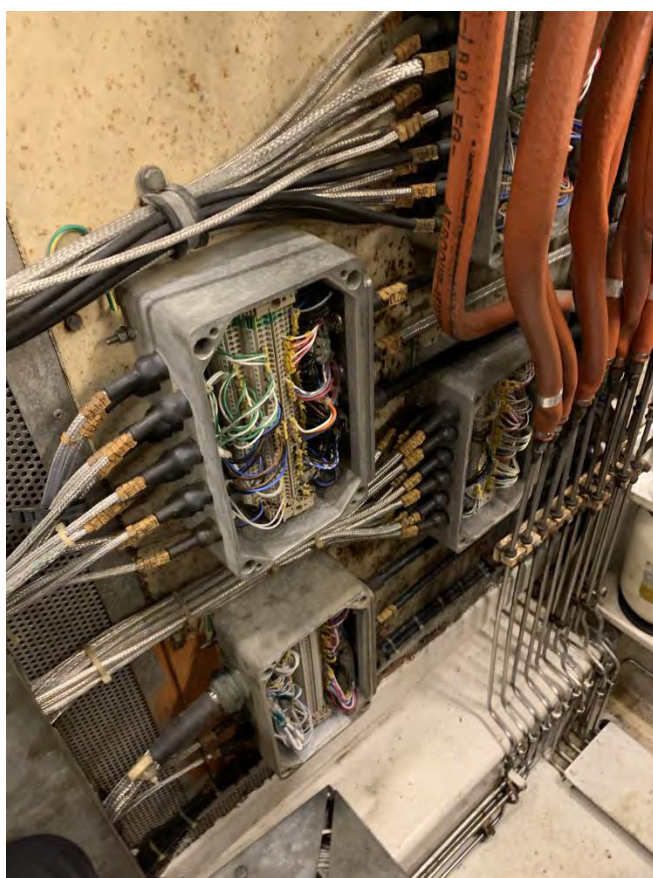
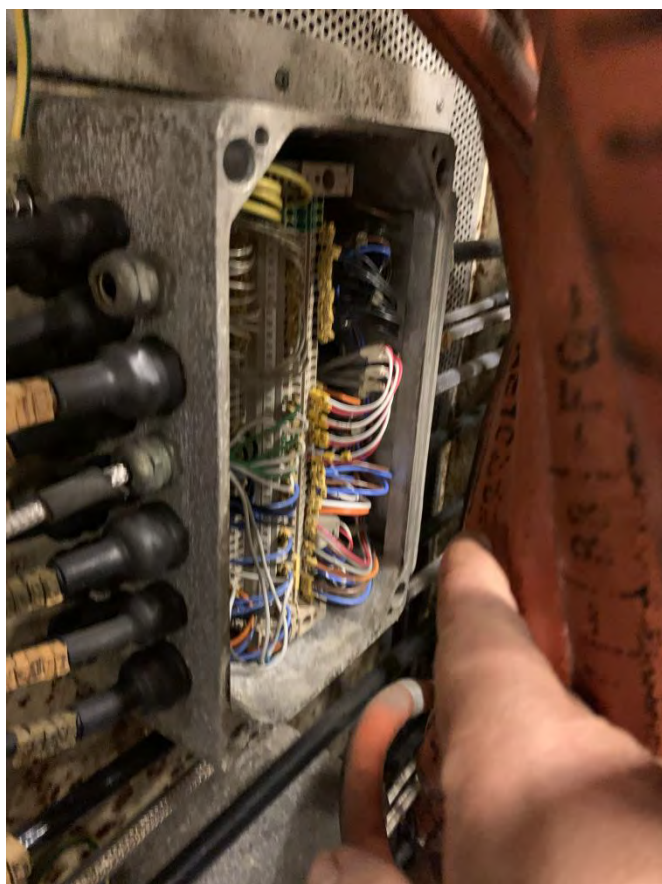


Exhaust





Transducers Boxs



Base Enclosure:

