

CUSTOMER: APPLETON PAPER  
 PROJECT: WEST CARROLLTON MILL  
 SITE: WEST CARROLLTON, OHIO  
 SPECIFICATION: GE SO A16747  
 GE SHOP ORDER: 083225



REV	ITEM	QTY	DRAWING NUMBER	WHERE USED	DESCRIPTION
	CLR500A&B	1	165A458	HD1	<p>COOLER ASSEMBLY            LUBE OIL SYSTEM</p> <p>MFG: BASCO OR EQUAL            MFG DWG:            TYPE: SHELL AND TUBE            TEMA CLASS C            TYPE BEM, FIXED BUNDLE            SHELL: STEEL            TUBESHEETS: STEEL            CHANNELS: STEEL            TUBES: 5/8" OD - 18 BWG            90-10 COPPER-NICKEL            3/4" TRIANGULAR PITCH            COOLER SIZE:            NUMBER TUBES:</p> <p>- DESIGN PERFORMANCE DATA -            ----- UNITS SHELL TUBE</p> <p>FLOW GPM            TEMP IN DEG F            TEMP OUT DEG F 125            DELTA P PSID            VELOCITY FT/S            FOULING .0005 .001            MAWP@200F PSIG 150 150            DUTY BTU/HR            AREA FT2</p> <p>ASME SECTION VIII "U"; NB REGISTRATION            PROVIDED WITH 1 SET SHELL REPLACEMENT GASKETS            (GE PART NO. 165A458 )</p> <p>GROUNDING BRUSH ASSEMBLY            REMOVES SHAFT SURFACE CURRENTS</p>
	EG300	1			

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GENERAL ELECTRIC CO.  
 NAVAL DRIVE TURBINE SYSTEMS  
 166 BOULDER DRIVE  
 FITCHBURG, MA 01420-0607

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Page 5 of 58

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	FG508	1	B941A1A4C1B	G03	SIGHT FLOW INDICATOR LUBE OIL COOLER VENT  OTHERWISE SAME AS FG506
	FILT500 A&	1	PART OF MAN500	G45	FILTER ASSEMBLY CONTROL OIL  MFG: SUN MODEL: NQED-XBV REPLACEMENT VALVE: GE# 165A918AE-32  PART OF MAN500 ASSEMBLY
	FILT501 A&	1	165A205RE-11	HE1	FILTER ASSEMBLY LUBE OIL SUPPLY  MFG: 3L FILTERS OR EQUAL MODEL: GE SPECIAL PURPOSE DESIGN STEEL HOUSING AND COVER; BUNA-N O-RING COVER GASKET; NO BYPASS; ASME SECTION VIII DESIGN "U" STAMP; NB REGISTRATION ONE 39" ELEMENT PER HOUSING MAWP: 150 PSIG @ 175F  FILTER ELEMENTS MFG: SEPERATION TECHNOLOGIES OR EQUAL MODEL: 8830L12B39 RESIN BOUND MINERAL FIBER MEDIA OVER SS MESH SUPPORT GRID RATING: 12 MICRON AT BETA RATIO OF 200 COLLAPSE PRESSURE: 150 PSIG  REPLACEMENT PARTS HOUSING O-RING: GE# 165A205RE-51 FILTER ELEMENT: GE# 165A205FY-75

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Page 9 of 58

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	P500	1	165A760REG-111	HG1	<p>LUBE OIL PUMP ASSEMBLY (AC)            LUBE OIL PUMP "A"</p> <p>PUMP            MFG: CARVER            MODEL: 1.25 X 1.5 X 9H            SINGLE STAGE CENTRIFUGAL; GE SPECIAL            PURPOSE ARRANGEMENT; GREASE LUBRICATED            TOP BEARING AND GEAR COUPLING            PUMP RATED CAPACITY: 75 GPM @ 75 PSIG            NORMAL SYSTEM LUBE FLOW: 55 GPM</p> <p>MOTOR            MFG: GENERAL ELECTRIC            FRAME SIZE: 215TC            RATING: 10 HP            3600 RPM; 1.15 SF @ 40C; 1.0 @ 65C            EXTRA SEVERE DUTY; ENERGY SAVER            CLASS F WITH B RISE            POWER SUPPLY: 460/3/60 VAC            ENCLOSURE: TEFC, CAST IRON FRAME AND            TERMINAL BOX, WATERTIGHT FEATURES            BEARINGS: GREASE LUBRICATED            FL SPEED: 3500 RPM            FL CURRENT: 12 AMPS            LR CURRENT: 81 AMPS</p> <p>SPACE HEATER NOT PROVIDED</p> <p>ROTATION IS CW FACING THE PUMP SHAFT</p> <p>REPLACEMENT PARTS:            PUMP MINOR REPAIR KIT: GE DWG 165A760RE-71            COMPLETE COUPLING: GE DWG 165A706RE-61</p>
	P501	1	165A760REG-111	HF1	<p>LUBE OIL PUMP ASSEMBLY (AC)            LUBE OIL PUMP "B"</p> <p>OTHERWISE SAME AS P500</p>

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Page 17 of 58

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REV	ITEM	QTY	DRAWING NUMBER	WHERE USED	DESCRIPTION
	P502	1	165A760EY-22	HJ1	<p>EMERGENCY OIL PUMP ASSEMBLY (DC)</p> <p>PUMP            MFG: CARVER            MODEL: 2 X 2.5 X 5L            SINGLE STAGE CENTRIFUGAL; GE SPECIAL            PURPOSE ARRANGEMENT; GREASE LUBRICATED            TOP BEARING AND GEAR COUPLING            OPERATING POINT: 75 GPM/22 PSIG/3150 RPM</p> <p>MOTOR            MFG: GENERAL ELECTRIC            FRAME SIZE: CD218ATC            MODEL NUMBER: 5CD152XC021B800            NAMEPLATE RATING: 3 HP/120 VDC/3500 RPM            RATED CURRENT: 23.7 ARMATURE .63 FIELD            SPECIAL PURPOSE ELECTRICAL DESIGN            1.15 SF @ 40C; DESIGNED FOR 50C            AMBIENT WITH B RISE AT RATED POWER;            CLASS F INSULATION            POWER SUPPLY: 135 VDC TO 108 VDC BATTERY            ENCLOSURE: TEFC, STEEL FRAME, CAST IRON            ENDSHIELDS, WATERTIGHT FEATURES            BEARINGS: GREASE LUBRICATED</p> <p>SPACE HEATER: 220/1/60 VAC (ANTI-FUNGAL            TREATMENT)</p>

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Page 18 of 58



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	P503	1	165A760RFG-110	H95	<p>HYDRAULIC (CONTROL OIL) PUMP            ASSEMBLY (AC) HYDRAULIC OIL PUMP "A"</p> <p>PUMP            MFG: OIL GEAR            MODEL: PVWH20-LDFY-CNSN            PRESSURE COMPENSATED AXIAL PISTON,            BRACKET MOUNTED, ELASTOMERIC COUPLING            ROTATION: CCW FACING PUMP SHAFT            RATED CAPACITY: 20 GPM @ 2500 PSIG</p> <p>ADJUST PUMP PRESSURE COMPENSATION TO            MAINTAIN DESIGN HYDRAULIC PRESSURE AT            PI503 AT 1100 PSIG +75/-0 PSIG</p> <p>MOTOR            MFG: GENERAL ELECTRIC OR EQUAL            FRAME SIZE: 256TC            RATING: 20 HP            1800 RPM; 1.15 SF @ 40C; 1.0 @ 65C            EXTRA SEVERE DUTY; ENERGY SAVER            CLASS F WITH B RISE            POWER SUPPLY: 460/3/60 VAC            ENCLOSURE: TEFC, CAST IRON FRAME AND            TERMINAL BOX, WATERTIGHT FEATURES            BEARINGS: GREASE LUBRICATED            FL SPEED: 1765 RPM            FL CURRENT: 24.4 AMPS            LR CURRENT: 145 AMPS</p> <p>SPACE HEATER NOT PROVIDED</p>
	P504	1	165A760RFG-110	H96	<p>HYDRAULIC (CONTROL OIL) PUMP            ASSEMBLY (AC) HYDRAULIC OIL PUMP "B"</p> <p>OTHERWISE SAME AS P503</p>

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Page 19 of 58

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	PUR500	1	B859TJ1A4E01	HL5	OIL PURIFIER  MFG: NUVISION MODEL: THERMOJET TJ180 MFG DWG: ARRANGEMENT NV1124 WIRING NV1126 FLOW SCHEM. NV1135 BILL OF MATL NV1127 MATL: STAINLESS STEEL WETTED PARTS AND ENCLOSURE POWER SUPPLY: 460/3/60 VAC  MOUNTED ON OIL SYSTEM
	PV400	1	125D435CR-3	G01	STEAM SEAL DUMP VALVE STEAM SEAL HEADER  MFG: FISHER VALVE: MODEL: FISHER TYPE ES EQUAL PERCENTAGE CL IV SHUTOFF SIZE: 2"-300# RF MATL: CARBON STEEL (ASTM A217 WCB) GRAPHITE PACKING ACTUATOR: MODEL: FISHER TYPE 667 PNEUMATIC AIR TO OPEN, FAIL CLOSED POSITIONER: MODEL: FISHER 3582I REVERSE ACTING OPERATION: 12-4 MA = VALVE OPEN - CLOSED = 6-30 PSIG AIR AIR FILTER REGULATOR: MODEL: FISHER TYPE 67FR RANGE: MAX INLET PRESSURE 250 PSIG FACTORY SET MAX OUT PRESSURE OF 35 PSIG  THIS VALVE OPERATES IN SPLIT RANGE FASHION WITH THE STEAM SEAL DUMP VALVE PV401 AND IS CONTROLLED BY THE MARK 5 GOVERNOR SC150.

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Page 33 of 58