

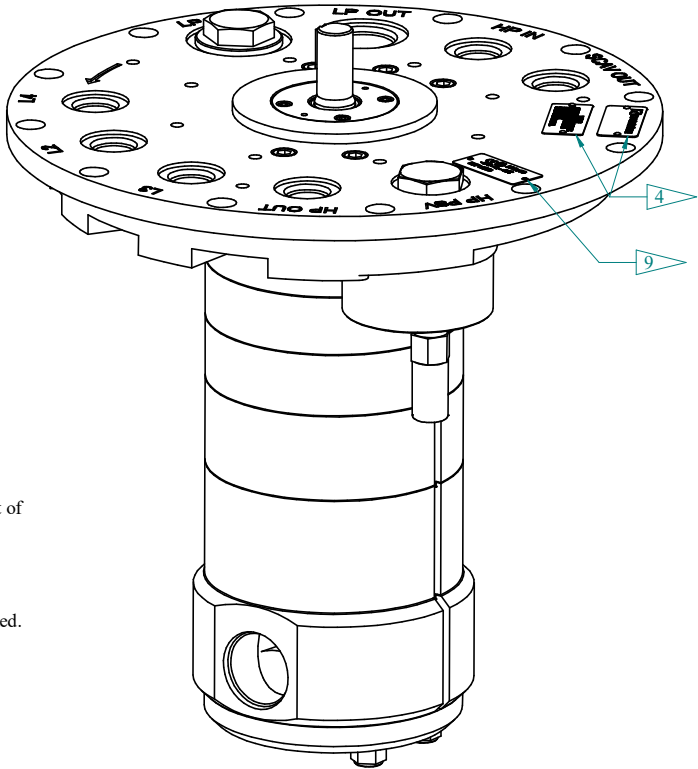
Table 1: Customer References		
Description	Number	Revision
SLO (Synthetic Lube Oil) Lube and Scavenge Pump, SGT-A35	E1A2983860/E1B101431894	---
Pump Specification	AS5028 Appendix 7	2

Table 2: Pump Circuit Data (Rated Performance)				
Circuit Designation	Description	Displacement (in³/rev)	Design pressure (psig)	Relief Setting (psig)
LP OUT	Lube Oil Outlet	2.375	240	350
L2	Front Bearing Scavenge Inlet	.356	-5 TO 25	N/A
L3	Center Bearing Scavenge Inlet	1.403	-5 TO 25	N/A
L4	Rear Bearing Scavenge Inlet	1.403	-5 TO 25	N/A
HP OUT	Hydraulic Oil Outlet	.713	750	1000
HP IN	Hydraulic Oil Inlet	N/A	0 TO 350	N/A
SCAV OUT	Common Scavenge Outlet	N/A	0 TO 25	N/A

Table 3: Included Documentation	
Certificate of Conformance	
Acceptance Test Data Sheet	
Packing Slip	

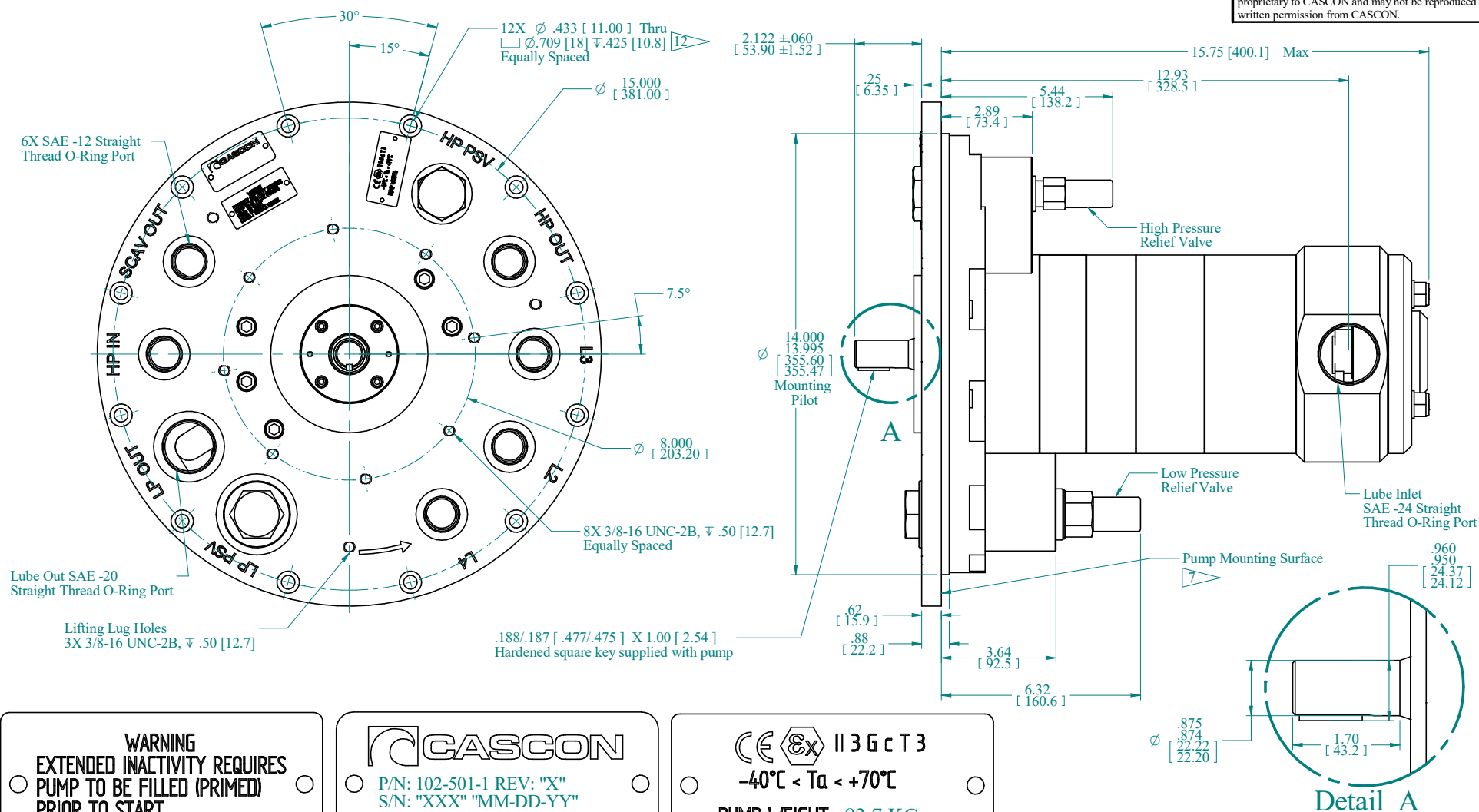
- Notes:
- This pump part number (PN) is a drop-in replacement for the legacy Cascon PN 102-D-071 (Customer PN RRE004491). This pump contains the following list of design improvements: sleeve bearing material, bearing and seal lubrication, bearing alignment and face seal materials.
 - This product is designed to conform to the customer references shown in Table 1.
 - Item shall be factory tested in accordance with Cascon specification, 102-S-001.
 - Item shall be marked with part number, revision, and serial number as shown. Nameplate Detail, Warning Label Detail and ATEX Label Detail to be laser marked.
 - Approximate weight: 185lbs [84kg].
 - Rated speed 2950 to 3600rpm. Rotation is counter-clockwise when viewed from pump drive end.
 - The pump is designed to be mounted vertically into the supply reservoir. Sealing is provided at the shaft interfaces only. A gasket must be supplied at the mounting flange-tank interface.
 - Relief valve discharge exits pump through SAE straight thread o-ring ports below the mounting flange.
 - ATEX and CE Machine Directive certified at rated operating conditions only.
 - Refer to Cascon drawing 102-588-X for valve and seal rebuild kits.
 - Table 3 lists standard documentation provided with each pump. Additional material certifications are available upon PO request.
 - Mounting holes are sized to accommodate both 3/8 inch and 10mm socket head cap screws.
 - Traceability: CASCON CLASS 1C. Item shall remain traceable by serial number to material lots, special processes, inspection records and other identified characteristics.
 - Reference 102-S-512 for installation and maintenance instructions.
 - Reference 102-D-502-1 (for Cascon Internal Use only).

CURRENT REVISION				A	A
ECO	BY	DATE	DWG	PART	
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Unless Otherwise Specified: Dimension are in inches [mm] Finish is 125 Microinch Ra Max Internal Radii .020 Max Tolerances are: .X +/- .030 .XX +/- .015 .XXX +/- .005 Angles +/- 1/2 Degree Drawing Interpretation per ASME Y14.5-2009 and CASCON 10-S-003			
		TITLE Product Drawing, SGT-A35, SLO Lube and Scavenge Pump	
		DRAWING NO. 102-501-1	SHEET 1 of 3
		DRAWN: TWR, 28 JUL 23	ENGINEER: WRB, 28 JUL 23

CURRENT REVISION	A	A
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WARNING
 EXTENDED INACTIVITY REQUIRES
 PUMP TO BE FILLED (PRIMED)
 PRIOR TO START
 CONSULT SERVICE MANUAL

CASCON
 P/N: 102-501-1 REV: "X"
 S/N: "XXX" "MM-DD-YY"
 CUSTOMER P/N: E1A2983860
 CUSTOMER P/N: E1B101431894

CE Ex II 3 G c T 3
 -40°C < Ta < +70°C
 PUMP WEIGHT: 83.7 KG

4 Warning Plate Detail

4 Nameplate Detail

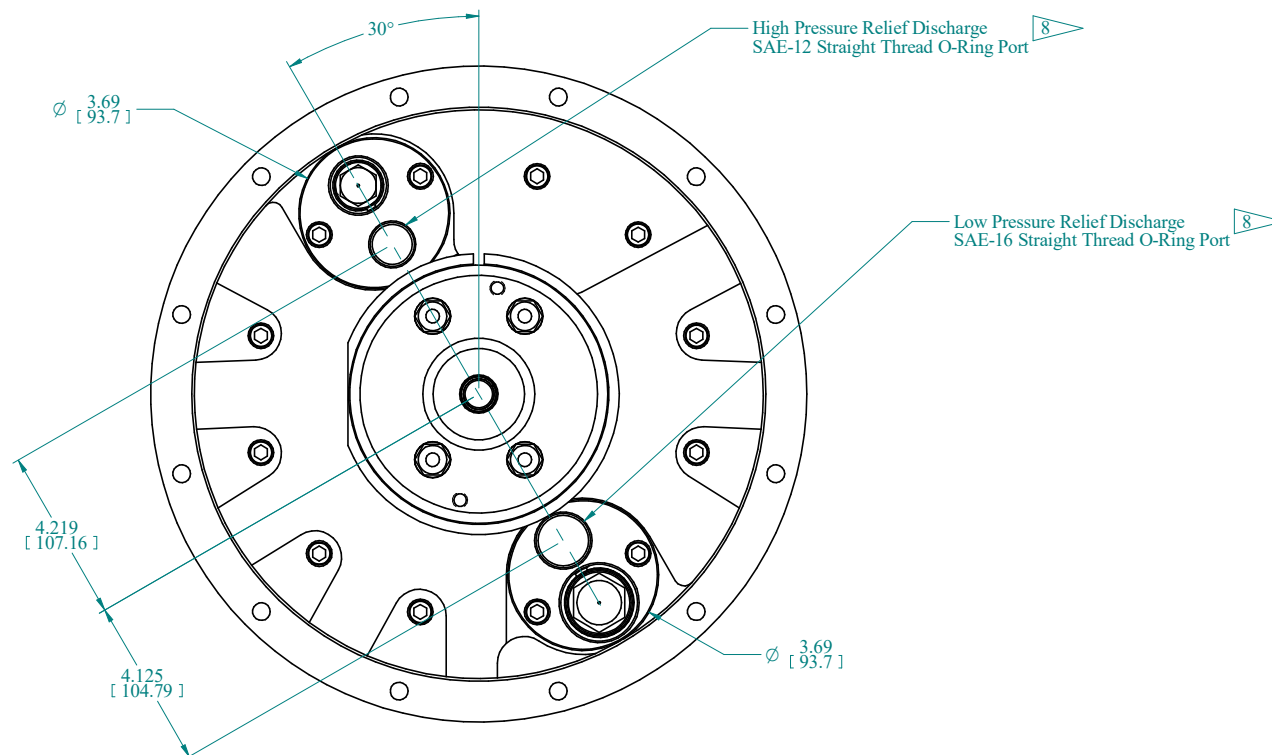
9 4 ATEX Label Detail

CASCON

DRAWING NO.
102-501-1

SHEET
2 OF 3

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DRAWING NO. 102-501-1	SHEET 3 OF 3