NOTES :

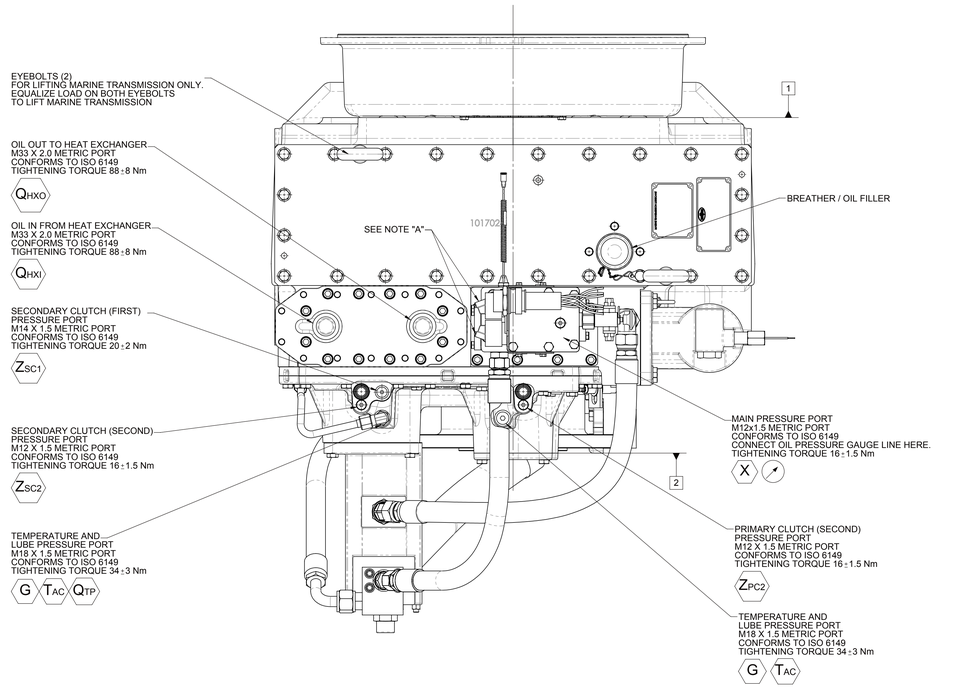
A. PROPORTIONAL CONTROL VALVE OPERATION
   1. WARNING DO NOT CONNECT VALVE COIL DIRECTLY TO BATTTERY / POWER SUPPLY VOLATAGE.
   2. OPERATION TO BE PERFORMED WITH ONLY TWIN DISC CONTROL SYSTEMS OR MODULES.

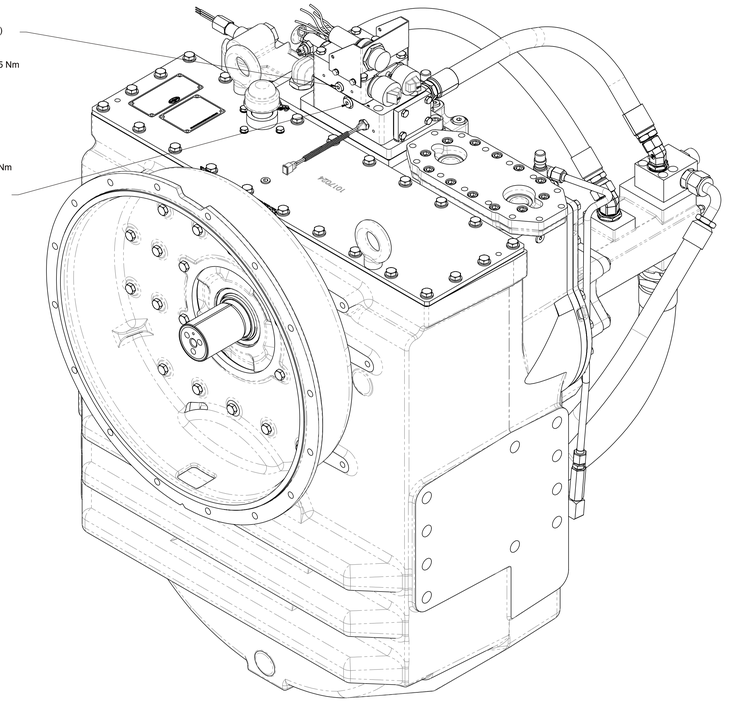
B. MANUAL DIRECTIONAL CONTROL VALVE OPERATION
   1. WITH MANUAL DIRECTIONAL CONTROL VALVE IN CENTERED POSITION, PUSH TO ENGAGE PRIMARY CLUTCH.
   2. WITH MANUAL DIRECTIONAL CONTROL VALVE IN CENTERED POSITION, PULL TO ENGAGE SECONDARY CLUTCH.

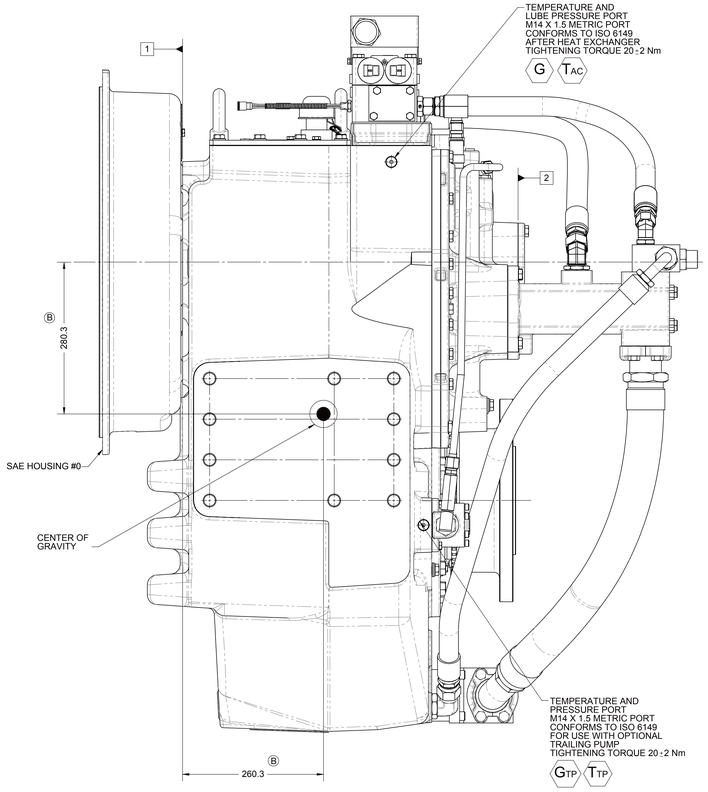
C. MANUAL DIRECTIONAL CONTROL VALVE MODE SWITCH
   1. SWITCH IS NORMALLY CLOSED WHEN MANUAL DIRECTIONAL CONTROL VALVE IS IN THE CENTERED POSITION AND OPEN WHEN LEVER IS ACTUATED FROM CENTERED POSITION.
   2. CURRENT = 20 AMPS MAX.
   3. FOR WIRING SCHEMATIC, REFER TO EC050 CONTROL MODULE DRAWING.

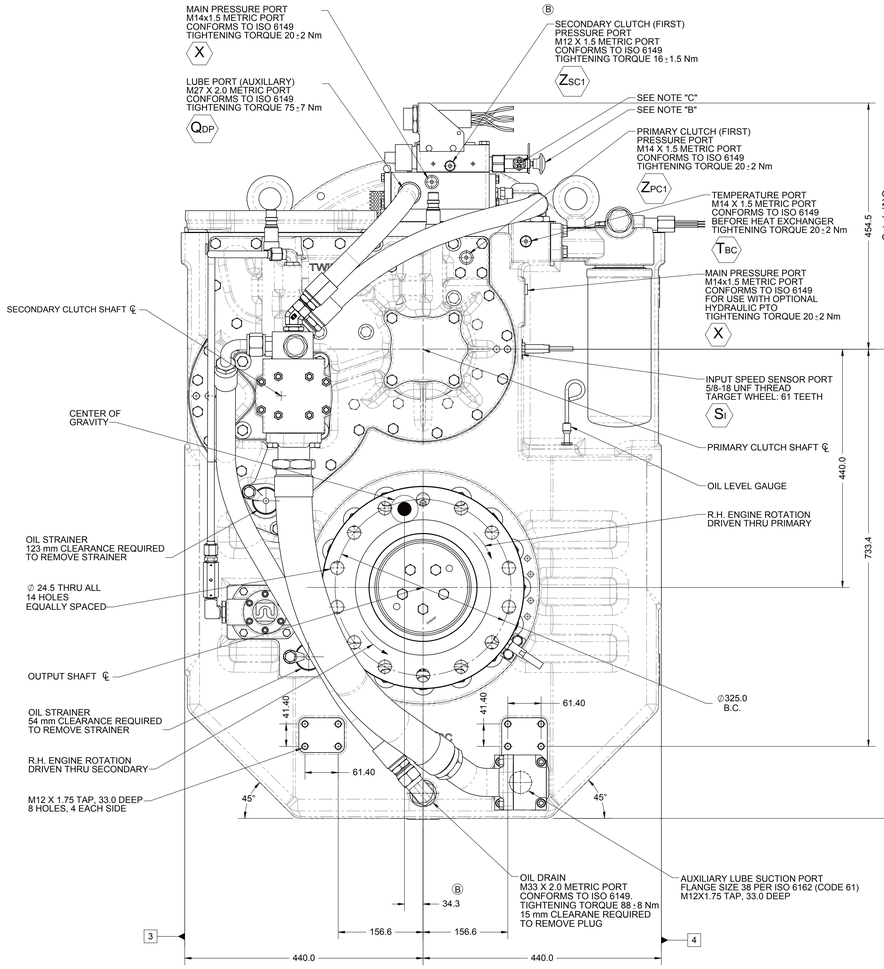
D. REFERENCE S930 FOR TWIN DISC REQUIREMENTS FOR PRESSURE AND TEMPERATURE ALARM LEVELS.

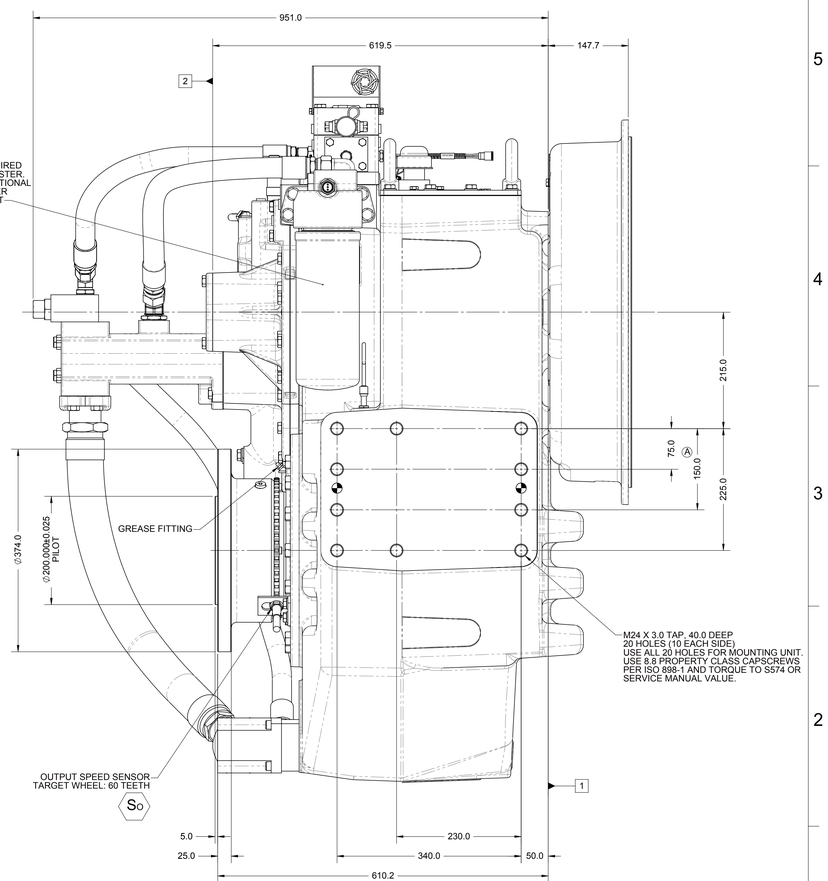
1 INPUT GROUP REFERENCE PLANE
2 PTO ADAPTER MOUNTING FACE
3 LEFT MOUNTING BRACKET FACE
4 RIGHT MOUNTING BRACKET FACE











NOTE:

ALL POINTS AVAILABLE FOR TESTING ARE CODED ⬡

EQUIPMENT SHOWN:
- MGX-5321DC PER 10222203B ASSEMBLY
- SAE#0 FRONT HOUSING
- GP VALVE WITH EC300 HARNESS
- DITCH PLATE FOR CUSTOMER SUPPLIED HEAT EXCHANGER
- MOUNTED TRAILING PUMP
- 1023665 PUMP GROUP FOR DP APPLICATIONS

REV	CHANGE NO.	DATE
B	ECNWF-23625	07/02/2013

FIRST USE ASSEMBLY:
FIRST USE MODEL:
SIMILAR TO:
WEIGHT: 1638.78 kg
THIRD ANGLE PROJECTION
METRIC
UNLESS OTHERWISE SPECIFIED MACHINED DIMENSIONS: X ±0.25; .XX ±0.13; .XXX ±0.13; ALL ANGULAR TOLERANCES ±1° GEOMETRIC TOLERANCING PER ASME Y14.5M 1994
MATERIAL:
HEAT TREAT:
DESCRIPTION: INSTALLATION MGX-5321DC
DATE: 03/21/2011
SCALE: 1:4
DRAWN BY: DJM
CHECKED BY: ALC
APPROVED BY: ALC
DWG SIZE: A0
SHEET: 1 OF 1
REV: B
TWIN DISC
RACINE, WI 53403 - USA
1026064B