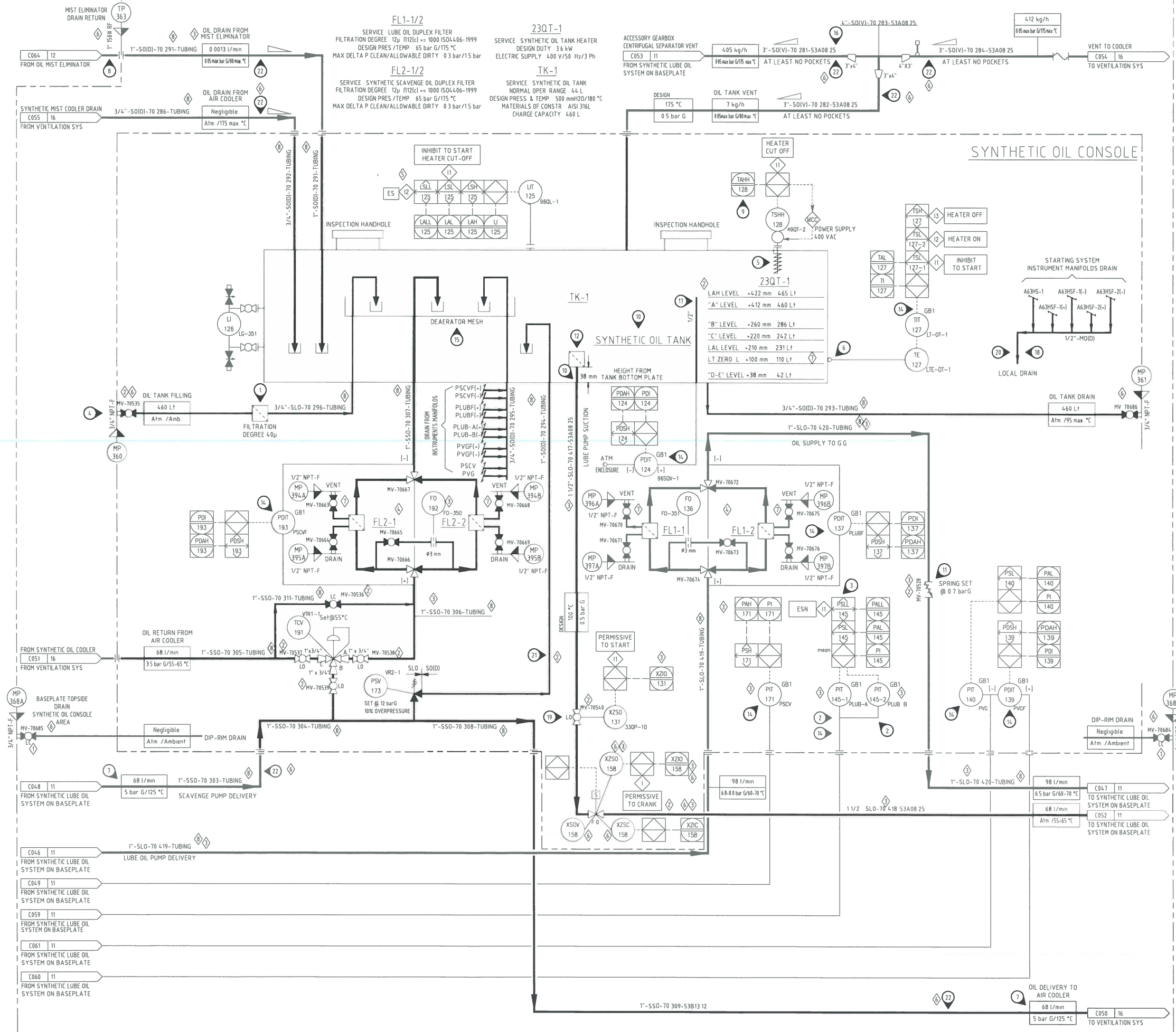


CR 0.00000  
UTP 037A-REV/B  
REVISE WITH PIDXP ONLY  
QUESTO DISEGNO È STATO ESEGUITO CON TECNICHE CAD - THIS DRAWING WAS MADE WITH CAD TECHNIQUES

# TURBOUNIT BASEPLATE/ENCLOSURE

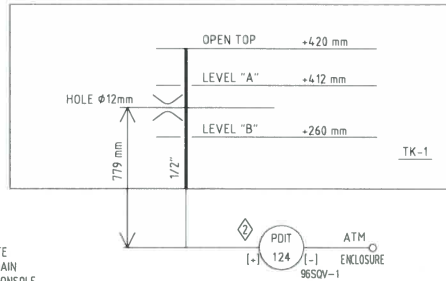


## NOTES

1. LAST CHANCE FILTER
2. IMPULSE LINE IS EQUIPPED WITH "LOCKED MANIFOLD" HAVING LOCKED OPEN VALVE ON MAIN PORT AND LOCKED CLOSED VALVE ON BLEED PORT
3. FOR G G SPEED 4500 RPM-NGG-8000 RPM PSL SET IS 0.4 bar G
4. TANK FILLING REQUIRE A DEDICATED PUMP NOT INCLUDED IN THE NP SCOPE OF SUPPLIER. ELECTRIC HEATER ACTIVE (HEATING) AREA TO BE LOCATED BELOW MINIMUM OPERATING LEVEL "C". TSHH IS INCLUDED IN HEATER
5. LOCATED NOT FAR FROM LUBE OIL PUMP SUCTION PIPE AND BELOW "C" LEVEL
6. SCAVENGE LINE HANDLE 68 L/MIN OF OIL AND 0.102 m³/min OF AIR. THE EXTREME TEMPERATURE VALUE IS 171 °C
7. INTERCONNECTING PIPING TO BE IN STAINLESS STEEL AND INSULATED FOR PERSONNEL PROTECTION (EHS)
8. HH MEANS HEATER CUT-OUT, NOT GAS TURBINE STOP
9. THE OIL TANK AND THE PL-1 PUMP SUCTION PIPE MUST BE ARRANGED TO GUARANTEE:
  - PUMP FLOODED SUCCTION
  - PUMP SUCTION PRESSURE NOT EXCEEDING 125 BAR
  - PUMP SUCTION PRESSURE DURING COLD START NOT LOWER THAN 0.35 BAR
  - PUMP SUCTION PRESSURE DURING HOT START NOT LOWER THAN 0.85 BAR
10. SPRING LOADED CHECK VALVE (ANTI-STATIC)
11. PUMP SUCTION LINE PROTECTION BASKET OPENING 3 mm
12. BLANK
13. THE GB1 PANEL IS INSTALLED ON SYNTHETIC OIL CONSOLE
14. THE GB1 IS ARRANGED WITH SUFFICIENT ROOM FOR FUTURE INSTALLATION OF PRESSURE INDICATORS FOR PGAS-A, PLUBF, PSCVF, PLUB PSCV, PVG, PVGF & 9650 V 1
15. DEARATOR MESH MUST BE LOCATED ABOVE B LEVEL
16. INTERCONNECTING PIPING HIGH POINT MINIMIZE THE PIPE SPOOL FROM ENGINE PORT A12 TO THE HIGH POINT (REFER TO SYNTHETIC OIL ON ENGINE P&ID)
17. CONSTANT HEAD ARRANGEMENT FOR 9650 V 1 TRANSMITTER 1/2" TUBE TO BE LOCATED ON TANK CENTER LINE
18. WHEN OIL LEVEL IS IN THE NORMAL OPERATING RANGE (BETWEEN LEVELS B AND C), AND THE OIL TANK INTERNAL PRESSURE (ABOVE OIL LEVEL) IS ATM (1013 BARa)
19. 9650V-1(-) = 779 mm OIL COLUMN = 750 mmH2O (BASED ON AVERAGE OIL DENSITY OF 0.962 kg/l)
20. 9650V-1(-) = 0 mm OIL COLUMN = 0 mmH2O
21. PDT CALIBRATION WITH "ZERO ELEVATION"
22. 4mA = ΔP 750 mmH2O = 0 mmH2O IN THE TANK  
20mA = ΔP 1750mmH2O = 1000mmH2O IN THE TANK  
PAH THRESHOLD 500 mmH2O IN THE TANK  
CANNOT BE ROUTED TO SYNTHETIC OIL RESERVOIR SINCE HANDLED FLUID IS MINERAL OIL
23. VALVE TO BE CLOSED IF THE GAS TURBINE IS STOPPED FOR MORE THAN 3 DAYS
24. MINERAL OIL DRAINS TO S.O CONSOLE DRIP PAN DRAINED VIA MP368A/B
25. LINE WITH NO POCKET
26. PERSONNEL PROTECTION IS NOT NEEDED SINCE LINE IS NOT ACCESSIBLE TO THE OPERATOR DURING NORMAL RUNNING

## EQUIPMENT TAG NUMBERS

N.P. TAG n°	DESCRIPTION	CUSTOMER TAG n°	
TK-01	SYNTHETIC OIL TANK	X-7001A	X-7001B
23QT-1	SYNTHETIC OIL TANK HEATER	T-7060A	T-7060B
FL2-1	SCAVENGE OIL MAIN FILTER	F-7063A-01	F-7063B-01
FL2-2	SCAVENGE OIL STAND-BY FILTER	F-7063A-02	F-7063B-02
FL1-1	SYNTHETIC OIL MAIN FILTER	F-7061A-01	F-7061B-01
FL1-2	SYNTHETIC OIL STAND-BY FILTER	F-7061A-02	F-7061B-02



Nexen Petroleum (U.K.) Limited				
VENDOR : GE Nuova Pignone (AMEC FW)				
EQUIPMENT TITLE : PIPING & INSTRUMENT DIAGRAMS				
EQUIPMENT TAG NO(S) : X-7001A/B, X-5701A/B				
Vendor Document Number				
Purchase Order No.	Doc Type	Seq. Sheet No.	Rev.	DATE
168397 - 200 - PO - 3270 - MC2 - 001 - No		12	Z1	26/04/16
SUPPLIER DOCUMENT REVIEW				
Rejected (Assai Code - REJ) - Quality and content is out of conformity with Company requirements. Document shall be revised by Supplier to incorporate the necessary changes and subsequently re-submitted.				
Accepted With Comments (Assai Code - AWC) - Generally acceptable but elements require to be addressed. Document shall be revised by Supplier to incorporate the necessary changes and subsequently re-submitted.				
Accepted As Final (Assai Code - FIN) - Documents are considered acceptable, do not re-submit.				
Accepted For Information (Assai Code - AFI) - No further action required, do not re-submit.				
Review of Vendor documents does not relieve Vendor of the responsibility for correctness under the Purchase Order. Permission to proceed does not constitute acceptance of design, detail and calculations, test methods or materials developed or selected by the Vendor and does not relieve the Vendor from full compliance with the Purchase Order or any other obligations, not detract from any of the Purchaser's rights.				
Z1	26/04/16	AD-HOC AS-BUILT	WPH	HT
REV	DATE	DESCRIPTION	DRN	CHK APP CLT

TITLE: SYNTHETIC OIL CONSOLE P&ID DIAGRAM		DOCUMENT CODE: SOM5081932		REVISION: 11	
NO REVISION IS INTRODUCED IN THIS SHEET		PAGE MARKER: N/A		SECURITY CODE: N	
ORIGINAL JOB: 1703636-37		SIZE: 1		LANGUAGE: A	
SHEET: 10 of 21		SHEET: 10 of 21		SHEET: 10 of 21	