







e Gaz

Turbomach

A Caterpillar Company

Turbomach S.A.
Via Campagna 15
CH-6595 Razzano, Switzerland

GAS FUEL SYSTEM C€ 1131

97/23/EC

S/N:	10540T2S01
YEAR:	2012
PS [bar]:	30
TS [C]:	-20 / +60

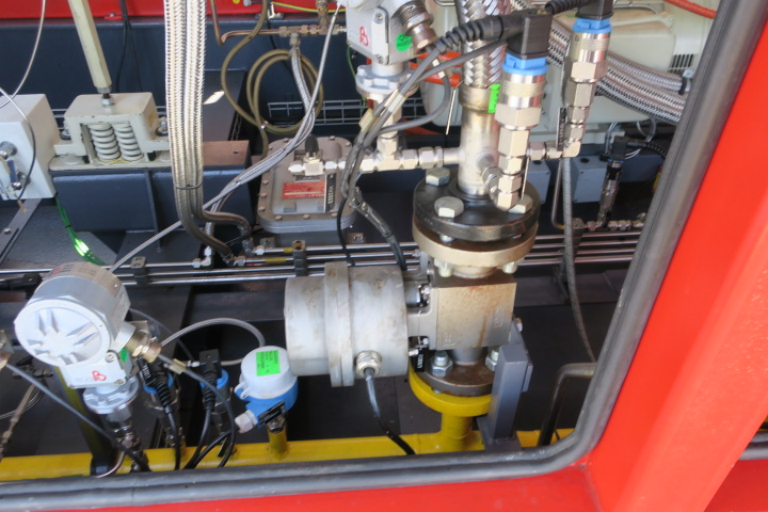
ion Eau De Lavage

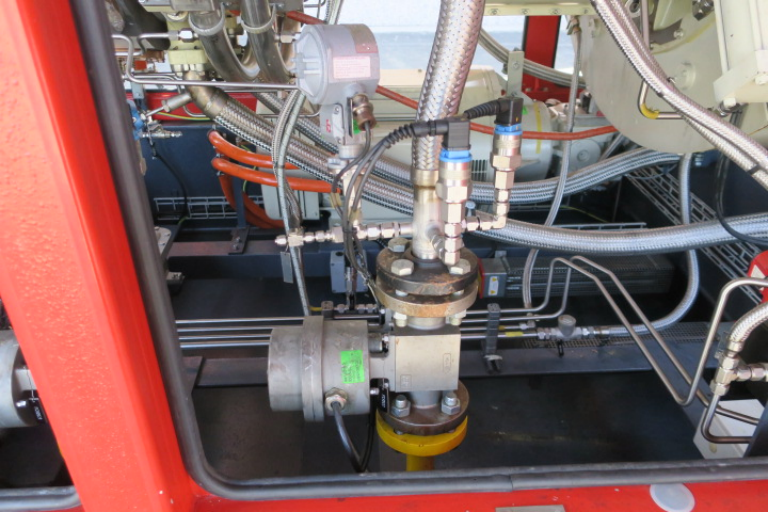


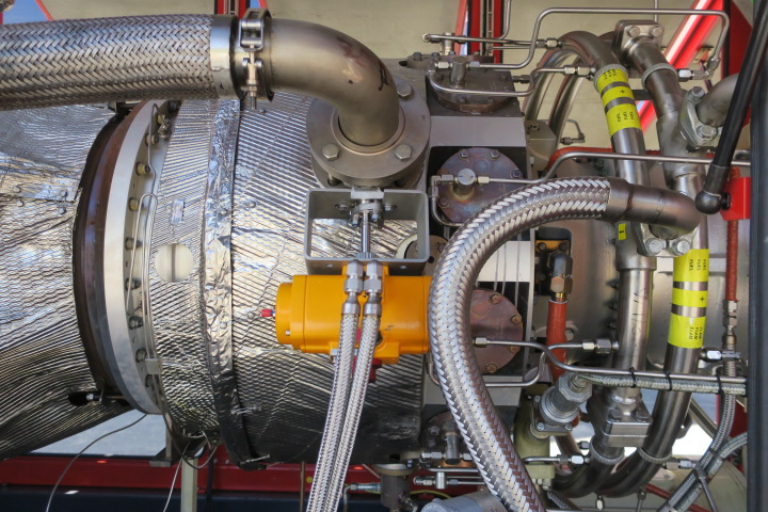














Turbomach

A Caterpillar Company

SERIAL NUMBER

255

YEAR OF CONSTRUCTION

06-2012

MANUFACTURING NUMBER

REV

DRAWING NUMBER

10540.T2.6A.001.AA

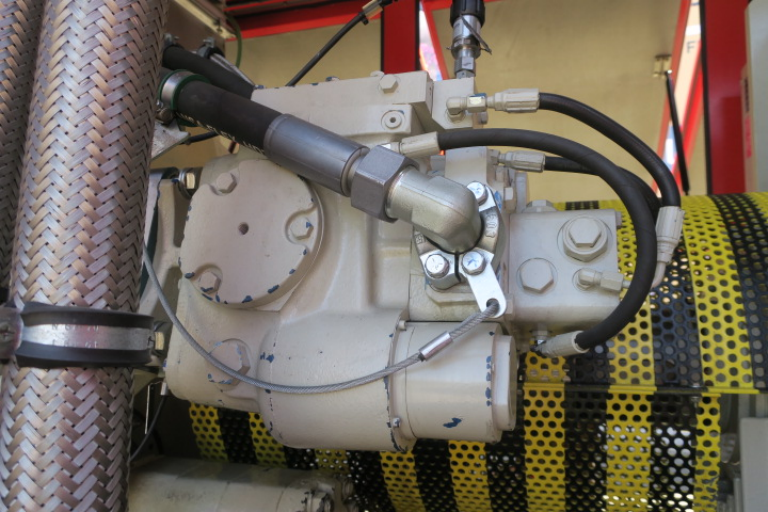


ATTENTION
A L'INTERIEUR DU BOITIER
IL Y A DES BOUTES
AUX HAUTES TEMPERATURES

ATTENTION
NE TOUCHER PAS LES BOUTES
MISE EN GARDE















Type	LS 55 UL85/4P		N°	604634/1		IP	23	
Puissance	5400	kW	Cos Phi.	0.8	Δ	V	A	
Power rating	8750	kVA	Rend. Eff. %		Y	6300	V	618.6 A
tr/mn	1500	Hz	PH	3	Isolation Insulation	CI: 14	PdB WP	
R.P.M.	1500	Hz	PH	3	Echauffement Temperature rise	105 K	Amb.	40 °C
Service Duty	S1	Excitation	AREP		En charge	48	V	
Régulat.	D 610	A vide No load	2.10 A		Rated load	6.55	A	
A.V.R.		Ou graisse équivalente-Or any equivalent grease Graisser à la mise en service-Regrease at the start up						
Date	05/2002							
Masse Weight	13355	Kg						

Type de graisse Grease type	Périod. de graissage Grease every	Quant.
Côté entraînement DE BRG	h	g
Côté opposé NDE BRG	h	g

Graisser en rotation-Regrease in running ⇔ Ou graisser tous les 6 mois-Grease or every 6 months

**LEROY
SOMER**

CE

IEC 60034-1

**ALTERNATEUR
A.C. GENERATOR**

PS 003 0366-L

Solar Turbines

A Caterpillar Company

GEAR UNIT

ASSEMBLY

SERIAL

GEAR TYPE

RATIO

RATED POWER

RATED INPUT SPEED

RATED OUTPUT SPEED

OVERLOAD FACTOR

MANUFACTURER ADDRESS:
SOLAR TURBINES INCORPORATED
A CATERPILLAR COMPANY
2200 PACIFIC HIGHWAY
SAN DIEGO, CA. 92101

CONTACT ADDRESS:
SOLAR TURBINES EUROPE S.A.
AVENUE DE FINLANDE, 6
B-1420 BRAINE L'ALLEUD, BELGIUM

E222150 - 102 - 950

GBL20 - 00620

EPICYCLIC

9.962406

8300 HP

14.944 RPM

1500 RPM

1.1

MANUFACTURED IN THE USA

1034040-971

Caterpillar Company

MODEL NO.

TAURUS 60

VERSION

7301S

ENGINE PM

ET731S-S0G00H00

SERIAL NO.

OHF18-T1643

*POWER (G/L)

5200 / NA kWe

NGP (RPM)

14951 60 Hz / 14944 50 Hz

NPT (RPM)

NA

IGV SETTING

+5.0 DEG

^aT5 BASE (G/L)

1258F / NA

SETPOINT (GL)
FULL LOAD

T5 1250F / NA

^aUNCOMPENSATED, ^{*}ISO VALUES

T5 COMP# 120902-7

TRIM BAL K/P HOLE# 4

INJECTOR COMP: 210009-800

MANUFACTURED IN U.S.A.

(G/L)=GAS/LIQUID, NA=NOT APPLICABLE

1034040-997
MANUFACTURED IN USA

A Caterpillar Company

SERIAL NO.

CONCLUSIONS

	GAS		
	LOAD	PILOT(IN)	TS (°F)
	100%	2	1228F
	50%	2	1228F
			NA
			NA
			NA

TS COMP# 129902-7

LIQUID	LOAD	PILOT(%)	TS ("F)
	100%	NA	NA
	80%	NA	NA
	65%	NA	NA
TRIM BAL K/P HOLE# 4			

T5 & TPZ VALUES ARE UNCOMPENSATED

MANUFACTURED IN USA
1034040-996

Solar Turbines

A Caterpillar Company

GAS TURBINE DATA PLATE

MODEL NO.

TAURUS 60

VERSION

7301S

ENGINE PN

ET731S-S9000H99

SERIAL NO.

OHF18-T1643

*POWER (GAL)

5200 / NA kW₆

NGP (RPM)

14951 60 Hz / 14944 50 Hz

NPT (RPM)

NA

IGV SETTING

+5.0 DEG

*TS BASE (GAL)

1250F / NA

SETPOINT (GAL)
FULL LOAD

T5 1250F / NA

***UNCOMPENSATED,**

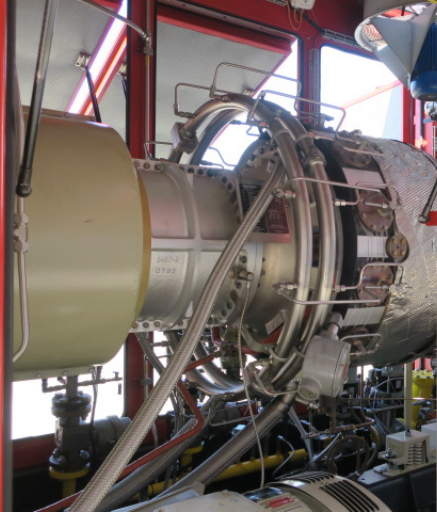
T5 COMP# 120902-7

TRIM BAL KP HOLD

INJECTOR COM

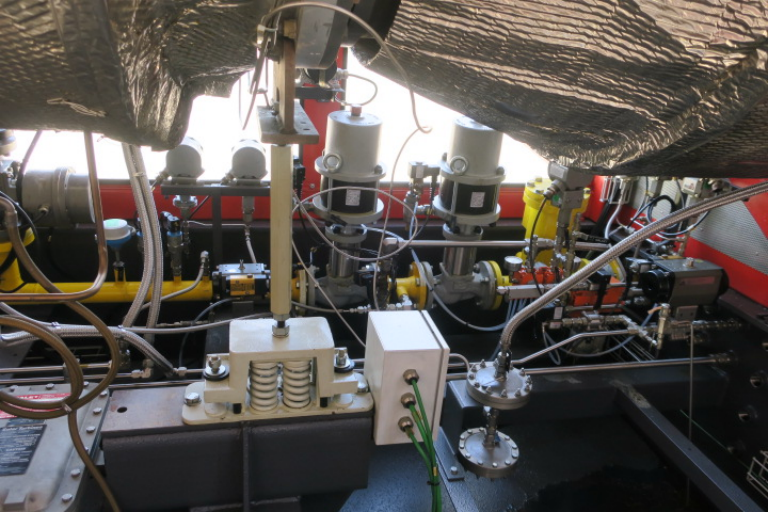




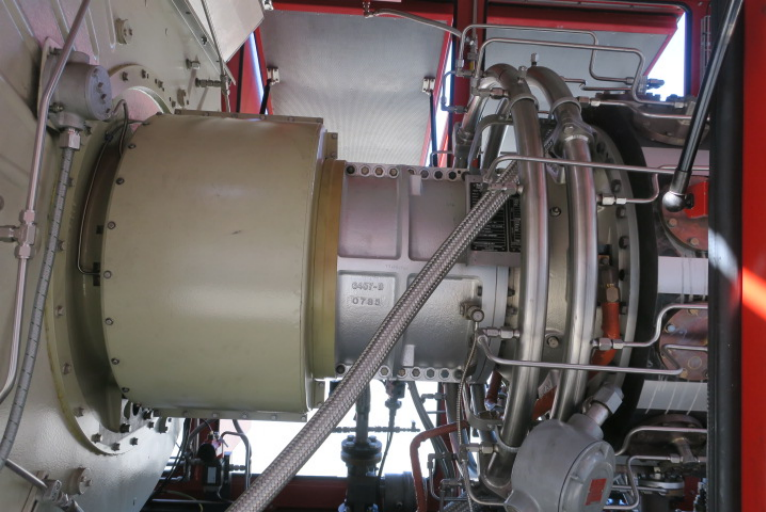


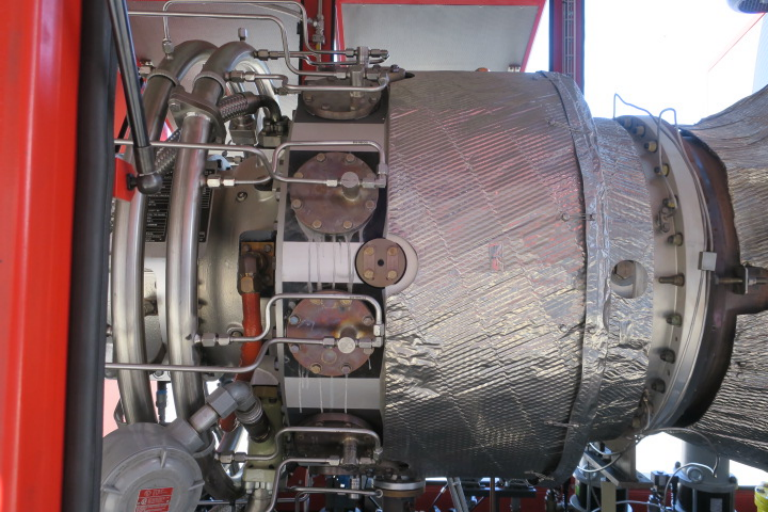












Turbomach

A Caterpillar Company

Via Campagna 15 - CH-6505 Riazano - Switzerland
www.turbomach.com

LUBE OIL TANK
TAURUS 60

Fluid:	Mineral Oil
Tank Volume:	1.1 m3
Oil Contents:	max 1000 l
SN/n° certificate	1261-1











ASTREINTE TURBOMACH

0160290094

H¹ R961 -66

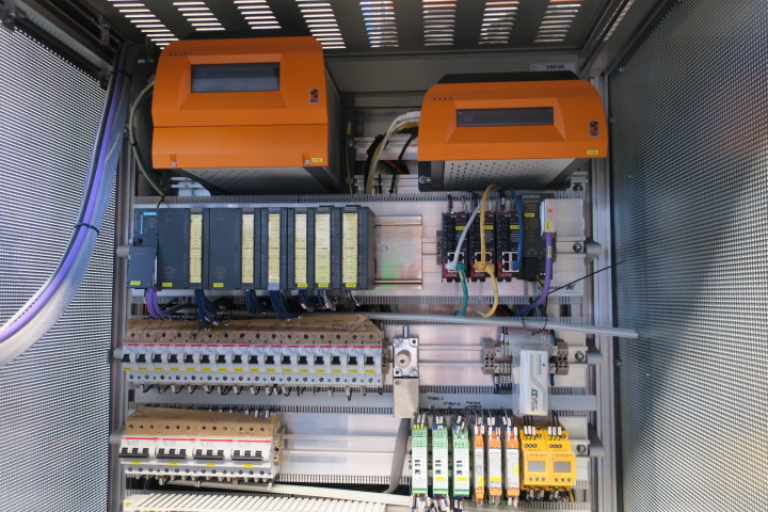














Turbomach

A Caterpillar Company



Acc. to EN 60204-1

Rated Voltage:

3Ph - 400Vac

Rated Frequency:

50 Hz

Rated Current:

250 A

Max. prosp. short-circuit curr.(Icp): 50 kA

Ref. Schematic. Numb.

10540.T2.EE.A

CH-6595 RIAZZINO - SWITZERLAND







Turbomach
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Turbomach

A Caterpillar Company

84473

7320
7449



TURBOMACH
TBM-T60
SERIAL: AA440T2
YOM: 2012

6750 KVA
50 HZ
6300 V TAURUS 60

DOCUMENTATION
1/

ENGELS
www.engels.eu