

## Specification of the Goods

Attachment 1

<b>Gas Generator LM 2500 SAC, S/N: 691-112 (Unit T1 of CS02):</b>		
<b>Location:</b>	KS02 Jablonov nad Turňou, Slovakia	
<b>Type:</b>	LM2500SAC	
<b>Year of Installation:</b>	1993	
<b>Operated hours:</b>	41 952	
<b>Fired starts:</b>	396 (acc. to EUS`s internal registry)	
<b>Trips:</b>	60 (acc. to EUS`s internal registry since 1997)	
<b>Last overhaul / Provider:</b>	Midlife overhaul - 08÷11/2006 / MTU Berlin Brandenburg, Germany	
<b>Last L1 inspection:</b>	16.5.2012	
<b>Last BSI*:</b>	25.9.2018	
<b>Disassembly date:</b>	05/2013	
<b>Preservation since disassembled:</b>	stored in EUS homemade shipping container pressurized with nitrogen and placed in EUS`s temperature controlled indoor warehouse of min. temp. +15°C	
<b>Major historical defects/repairs since the last Overhaul:</b>	Replacement of the Accessory Gear Box (AGB) and Starter in May - June 2011 due to bearings failure ESD (emergency shut down): "High temperature of synthetic oil from AGB" and brass debris found in screen;	
<b>Service Bulletins applied:</b>		
IND	Date	Description
081 R3	2001-JUL-25	TMF Hardware to Update LPT Nozzle Supports
087 A	1994-FEB-14	HPT Stage 1 Support (Half-Size "C" Clips)
093 R1	1996-APR-30	Air/Oil Separator Cover Improvement
109	1997-MAR-31	Variable Stator Vane Feedback Bellcrank and Rerigging of Variable Stator Vane Stages 5 and 6
111 R2	1999-MAR-01	Compressor Rear Frame Seal Support Inspection and Replacement
115	1997-JUN-30	No. 5R and No. 6R Static Oil Seals
160	2001-FEB-22	Inlet Gearbox Oil Nozzle Replacement
174 R1	2003-JUL-01	Compressor Rotor Stage 15 Locking Blade Replacement (LM2500 & LM2500+)
175	2003-JUL-01	Addition Of Thermal Barrier Coating To Turbine Mid Frame Case
187	2005-FEB-18	Turbine Mid Frame Hardware to Update Low Pressure Turbine Nozzle Supports
<b>Missing Parts:</b>		
The following Variable Stator Vanes (VSV) componens are missing on this engine:		
<b>P/N</b>	<b>Description</b>	<b>Quantity (pcs)</b>
9051M53G04	CONNECTING LINK, ACTUATION RING-COMPR STATOR-STAGE 3	1
1336M28P01	BEARING, ROD END	2
J904P07B		2
L59005G01		1
9102M17P02	BUSHING, BLANK (QUANTITY 2 REQUIRED FOR EACH CONNECTING LIN, EACH STAGE)	2
9633M20G03	ARM, VANE ACTUATION, STAGE 4	1
<b>Status:</b>	not operable due to missing parts listed above	
<b>Notes:</b>	1. The GG is offered as is, without shipping container/stand. The Buyer is responsible for shipping container. 2. BSI = Borescopic Inspection	

## Specification of the Goods

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<b>Gas Generator LM 2500 SAC, S/N: 691-115 (Unit T2 of CS04):</b>		
<b>Location:</b>	KS04 Ivanka pri Nitre, Slovakia	
<b>Type:</b>	LM2500SAC	
<b>Year of Installation:</b>	1994	
<b>Operated hours:</b>	33 789	
<b>Fired starts:</b>	363 (acc. to EUS`s internal registry)	
<b>Trips:</b>	24 (acc. to EUS`s internal registry since 1997)	
<b>Last overhaul / Provider:</b>	Midlife overhaul - 03+05/2006 / MTU Berlin Brandenburg, Germany	
<b>Last L1 inspection:</b>	26.10.2023	
<b>Last BSI*:</b>	26.10.2023	
<b>Disassembly date:</b>	still installed	
<b>Preservation since disassembled:</b>	still installed	
<b>Major historical defects/repairs since the last Overhaul:</b>	Replacement of VSV (Variable Stator Vanes) system (a warranty claim after Mid-Life Overhaul in August 2008;	
<b>Service Bulletins applied:</b>		
IND	Date	Description
081 R3	2001-JUL-25	TMF Hardware to Update LPT Nozzle Supports
093 R1	1996-APR-30	Air/Oil Separator Cover Improvement
109	1997-MAR-31	Variable Stator Vane Feedback Bellcrank and Rerigging of
115	1997-JUN-30	No. 5R and No. 6R Static Oil Seals
160	2001-FEB-22	Inlet Gearbox Oil Nozzle Replacement
168 R1	2013-APR-01	Compressor Rear Frame Seal Support Replacement (LM2500 and LM2500+ Models)
174 R1	2003-JUL-01	Compressor Rotor Stage 15 Locking Blade Replacement (LM2500 & LM2500+)
175	2003-JUL-01	Addition Of Thermal Barrier Coating To Turbine Mid Frame Case
<b>Missing Parts:</b> No parts missing		
<b>Status:</b>	operable	
<b>Notes:</b>	1. The GG is offered as is, without shipping container/stand. The Buyer is responsible for shipping container. 2. BSI = Borescopic Inspection	

<b>Power Turbine PGT25, S/N 98 001(Unit T1 of CS02):</b>	
<b>Location:</b>	KS02 Jablonov nad Turňou, Slovakia
<b>Type:</b>	PGT 25
<b>Year of Installation:</b>	1993
<b>Operated hours:</b>	42 107
<b>Last overhaul /</b>	Not overhauled yet
<b>Provider:</b>	
<b>Last L1 inspection:</b>	16.5.2012
<b>Last BSI*:</b>	25.9.2018
<b>Disassembly date:</b>	24.5.2013
<b>Preservation since disassembled:</b>	Stored on maintenance trolley and placed in EUS`s temperature controlled indoor warehouse of min. temp. +15°C
<b>PT Parts for sale:</b>	Power Turbine Cartridge
<b>NIC applied:</b>	N/A
<b>Status:</b>	operable
<b>Notes:</b>	1. Turbine rotor and stator is offered as is without transportable container/stand. The Buyer is responsible for transport container.

<b>Power Turbine PGT25, S/N 98 101(Unit T2 of CS04):</b>	
<b>Location:</b>	KS04 Ivanka pri Nitre, Slovakia
<b>Type:</b>	PGT 25
<b>Year of Installation:</b>	1994
<b>Operated hours:</b>	42 151
<b>Last overhaul /</b>	Not overhauled yet
<b>Provider:</b>	
<b>Last L1 inspection:</b>	26.10.2023
<b>Last BSI*:</b>	26.10.2023
<b>Disassembly date:</b>	still installed
<b>Preservation since disassembled:</b>	still installed
<b>PT Parts for sale:</b>	Power Turbine Cartridge
<b>NIC applied:</b>	N/A
<b>Status:</b>	operable
<b>Notes:</b>	1. Turbine rotor and stator is offered as is without transportable container/stand. The Buyer is responsible for transport container.

<b>Special Tools for Gas Generator LM2500 SAC nad Power Turbine PGT 25 as per SOM5082940</b>						
No.	Description		Quantity	Designation	Code no.	Ref. picture*
1	1.1	Gage depth immersion - Spark igniter for GG DLE	1	To regulate and fix the right position to the spark	SMO4556252	Fig. 01
	1.2	Hydraulic Actuator	1	To set the VSV on the LM2500	GE_1C3569G3	Fig. 02
2	2.01	Common bracket and trolley	1	To mount and dismount engine main components	SMO0329480	Fig. 06
	2.02	Extension for common bracket	1	To mount and dismount engine main components	SMO0329481	Fig. 07
	2.03	Integrative Common Equipment	1	Assembly/Disassembly 1st Stage Nozzle, 1st and 2nd Stage Case	RAO5000436	Fig. 08
	2.04	1st stage case lifting tool (46 holes version)	1	To remove 1st stage case	RAO5000180	Fig. 09
	2.05	2nd stage case lifting tool (46 holes version)	1	To remove 2nd stage case	RAO5000181	Fig. 10
	2.06	1st stage nozzle lifting tool	1	To disassembly 1st stage nozzle assembly and nozzle carrier ring	RAO5000182	Fig. 11
	2.07	Transition case lifting tool (46 & 72 holes versions)	1	To dismount transition case	RAO5000183	Fig. 12
	2.08	Cartridge dismounting tools	1	To remove the cartridge from the package	SMO0329484	Fig. 13
	2.10	Brg #1 disassembly tool	1	To remove brg#1 pads	SMO0322700	Fig. 15
	2.11	Brg #2 disassembly tool	1	To remove brg #2 assembly	SMO0324900	Fig. 16
	2.13	PGT25 Transition Case Trolley	1	For disassembly/assembly of the transition piece (72 holes version)	SMO0329906	Fig. 18
3	Load coupling disassembly tools	1	To mount and dismount the hub from the rotor	SMO0328739	Fig. 19	
5	Kit for LM2500 DLE disassembly	1	To remove the Gas generator from the package	SMO0329787	Fig. 20	
Note:	*	The figures referred to in this table are included in the Baker Hughes document SOM5082940 "PGT 25 & LM2500 SPECIAL TOOLS LIST (PRODUCT STRUCTURING)", revision 0, dated on 09				