

ANNEX SEVEN / TRANSPORT & COMMUNICATIONS / RAILWAYS

Sub-sector: SPARES

Site Name:

SPARES PARTS REQUIRED FOR PLASSER & THEURER TAMPING MACHINES TYPE 07-16B SERIAL NOS. 1660, 1662, 1665, 1666

CODE	DESCRIPTION	PART NO	QTY
07-06-00001	VIBRATION SHAFT BEARING	U20.217P	20
07-06-00002	VIBRATION SHAFT BEARING	U20.218P	10
07-06-00003	VIBRATION SHAFT BEARING	U20.220P	40
07-06-00004	GEAR RING FOR COUPLING	GR63-ZAHNRING	10
07-06-00005	VIBRATION SHAFT BEARING	U20.221P	20
07-06-00006	VIBRATION SHAFT BEARING	U20.223P	20
07-06-00007	GROOVED SEALING RING	U400.325	40
07-06-00008	GUIDE COLUMN	WN153-82f7.1240-2 SUB.SE62-03	20
07-06-00009	MOUNTING BRACKET	E61.04	20
07-06-00010	MOUNTING BRACKET	T-DL20.01	20
07-06-00011	TAMPING TYNE	CU30.4620RA-FRI SUB.2E30.20PFRI	80
07-06-00012	TAMPING TYNE	CU30.4620RA-FRII SUB.2E30.20PFRII	40
07-06-00013	TAMPING TYNE	CU30.4620RA-FRIII SUB.2E30.20PFRIII	40
07-06-00014	SAPCER SLEEVE	2E31.02A	40
07-06-00015	BUSH	2E34.210	80
07-06-00016	CONNECTING ROD BOLT	G20.13	40
07-06-00017	SEAL KIT	HZS-BS.35	40
07-06-00018	PISTON ROD ASSY	HZS-K.201.35	40
07-06-00019	PNEUM. CYLINDER	PN2Z-G.50/16/50	10
07-06-00020	DAMPING BLOCK	GE1447(02299/1)	10
07-06-00021	RING	UD60.163	20
07-06-00022	SUPPORT	UD40.76-1	20
07-06-00023	SUPPORT	DL10.53	20
07-06-00024	V-RING	V40CPD510	10
07-06-00025	TRIPLE PUMP	HY804X20.22.12LI	10
07-06-00026	TRIPLE PUMP	HY8041X20.22.12RE	10
07-06-00027	VALVE	HY511.11	5
07-06-00028	PUMP	HY701.N17LI	5
07-06-00029	PUMP	HY701.N17RE	5
07-06-00030	ACCUMULATOR	HY156.02	5
07-06-00031	REGULATING VALVE	HY100.03	5
07-06-00032	MOTOR	HY916N500	5
07-06-00033	REGULATING VALVE	HY100.02	5
07-06-00034	CYLINDER	E150.180	20
07-06-00035	AIR COMPRESSOR	90103	5

CODE	DESCRIPTION	PART NO	QTY
07-06-00036	PILOT VALVE	90235	5
07-06-00037	BRAKE VALVE	90364	5
07-06-00038	PRESSURE REDUCING VALVE	90357	5
07-06-00039	BRAKE CYLINDER	90229/MEDIUM	20
07-06-00040	PNEUM. CYLINDER	PN2Z-G.100/25/250	5
07-06-00041	PNEUM. CYLINDER	PN2Z-G.70/20/300	30
07-06-00042	PNEUM. CYLINDER	PN2Z-G.50/16/150	5
07-06-00043	PNEUM. CYLINDER	PN2Z-G.100/25/300	20
07-06-00044	PNEUM. CYLINDER	PN2Z-G.35/12/50	30
07-06-00045	PNEUM. CYLINDER	PN2Z-G.70/20/200	10
07-06-00046	PNEUM. CYLINDER	PN2Z-G.50/16/50	20
07-06-00047	PNEUM. CYLINDER	PN2Z-G.35/12/150	10
07-06-00048	CLUTCH BOOSTER	90232	10
07-06-00049	SPECIAL BEARING	DL61.212S/C4	32
07-06-00050	SHOCK ABSORBER	WN63.01ZD5,7KN	16
07-06-00051	CONE BEARING	571801317-70SH	16
07-06-00052	DYNAMO	0120489731	8
07-06-00053	PR. CIRCUIT BOARD CPL.	EL-T187.00	4
07-06-00054	OIL COOLER	HY157.01-A	4
07-06-00055	DAMPING BLOCK	GE1576(02301/1)	4
07-06-00056	DAMPING BLOCK	GE1576(02301/1)	24
07-06-00057	COUPLING	1881041528	4
07-06-00058	ENGAGER	UD70.731-2	4
07-06-00059	PULL CABLE	DZ95/G=11300/HUB70	4
07-06-00060	PULL CABLE	DZ95/G=9100/HUB70	4
07-06-00061	GUIDE COLUMN	WN153-60F7.1234-2	8
07-06-00062	SEAL KIT	HZ01.125	12
07-06-00063	SEAL KIT	HZ02.125.050	12
07-06-00064	CYLINDER	E150.180	16
07-06-00065	SEAL KIT	HZ01.100	12
07-06-00066	SEAL KIT	HZ02.100.045	12
07-06-00067	BRAKE LINING	UD212.35K	32
07-06-00068	BRAKEBLOCK SHOE	U215.31216	16
07-06-00069	ADJUSTMENT DEVICE	WN62.150	4
07-06-00070	ANGLE GEAR	1022-01-31-1000KURZ	4
07-06-00071	MOTOR	EL-T65.00P	4
07-06-00072	COUPLING	EL-T100.04	4
07-06-00073	DRIVE SHAFT	EL-T155.03-2200LG	4
07-06-00074	TOMMY HEAD	EL-T1050-D5	4
07-06-00075	CONTACT ELEMENT	EL-T1050-S	8
07-06-00076	PENDULUM	EL-T133.00TS-C	8
07-06-00077	PROPORTIONAL TRANSDUCER	EL-T213.00C-LI	4
07-06-00078	PROPORTIONAL TRANSDUCER	EL-T213.00C-RE	4
07-06-00079	INDICATOR	ENG8/8D-100KM=1666U/MIN	8
07-06-00080	TRANSDUCER	EF66.20.16F	4

CODE	DESCRIPTION	PART NO	QTY
07-06-00081	REV. COUNTER	EL-T1264.00/100	4
07-06-00082	TRANSDUCER	340.808/001/002	4
07-06-00083	VOLTMETER	EL-T1261.00	4
07-06-00084	BATTERY	12V230AH	8
07-06-00085	REGULATOR	0192033005	8
07-06-00086	ENGINE HOUR COUNTER	EL-T1255.00	4
07-06-00087	TRANSDUCER	360.081/030/037	4
07-06-00088	TRANSDUCER	323.801/003/001	4
07-06-00089	DYNAMO	0120489731	8
07-06-00090	STARTER MOTOR	0001417017	4
07-06-00091	CONTACT ELEMENT	EL-T1050-O	40
07-06-00092	TRANSDUCER	6BAR-WO/WE	24
07-06-00093	PR. CIRCUIT BOARD CPL.	EL-T594.00C	4
07-06-00094	PR. CIRCUIT BOARD CPL.	EL-T442.00C	8
07-06-00095	PR. CIRCUIT BOARD CPL.	EL-T406.00C	4
07-06-00096	CONTACT ELEMENT	EL-T1050-S	12
07-06-00097	CONTACT ELEMENT	EL-T1050-O	12
07-06-00098	DIGITAL POTENTIOMETER	EL-T215.00	16
07-06-00099	POTENTIOMETER	2,5OHM100W22/80G	16
07-06-00100	PR. CIRCUIT BOARD CPL.	EL-T442.00C	4
07-06-00101	PR. CIRCUIT BOARD CPL.	EL-T594.00C	8
07-06-00102	BEARING	551800115-55SH	120
07-06-00103	CONTACT ELEMENT	EL-T1050-S	20
07-06-00104	CONTACT ELEMENT	EL-T1050-O	20
07-06-00105	DIGITAL POTENTIOMETER	EL-T215.00	12
07-06-00106	PR. CIRCUIT BOARD CPL.	EK-62V-00A	8
07-06-00107	PR. CIRCUIT BOARD CPL.	EL-T635.00A	8
07-06-00108	PR. CIRCUIT BOARD CPL.	EL- T457.00C	
07-06-00109	PR. CIRCUIT BOARD CPL.	EL-T406.00C	4
07-06-00110	PR. CIRCUIT BOARD CPL	EL-T840.00	8
07-06-00111	PR, CIRCUIT BOARD CPL	EK-61V-00	8
07-06-00112	PR. CIRCUIT BOARD CPL	EL-T457.00C	8
07-06-00113	PR. CIRCUIT BOARD CPL	EL-T442.00C	8
07-06-00114	PR. CIRCUIT BOARD CPL.	EK-62V-00A	8
07-06-00115	PR. CIRCUIT BOARD CPL.	EL-T594.00C	8
07-06-00116	PR. CIRCUIT BOARD CPL.	EL-T393.00A	8
07-06-00117	PR. CIRCUIT BOARD CPL.	EL-T637.00	8
07-06-00118	PR. CIRCUIT BOARD CPL.	EL-T179.00	8
07-06-00119	PR. CIRCUIT BOARD CPL.	EL-T570.00	8

**LIST OF SPARE PARTS FOR PLASSER & THEURER TAMPING MACHINE.08U-32
NR.2409**

CODE	DESCRIPTION	PART NO	QTY
07-06-00120	TAMPING TYNE (FR-I)	CU 30.438	18
07-06-00121	TAMPING TYNE (FR-I)	CU 30.439	18
07-06-00122	TAMPING TYNE (FR-IV)	CU 30.439	18
07-06-00123	TAMPING TYNE FR-II	CU 30.438	12
07-06-00124	TAMPING TYNE FR-III	CU 30.438	12
07-06-00125	WHEEL SUPPORT	UD 50 IE	4
07-06-00126	SUPPORTING CGL	UD 51 ID	4
07-06-00127	AXIL SPRING	732073	32
07-06-00128	DRIVE MOTOR	HY 916 N500	1
07-06-00129	GEAR BOX	FM 1045 / MINI / 3.55	1
07-06-00130	GARDER SHIFT	UD 72.3834	1
07-06-00131	PRINTED CCT	EK – 249 LV - 00	1
07-06-00132	PRINTED CCT	EK – 290LV - 00	1
07-06-00133	PRINTED CCT	EK – 79V - 002	1
07-06-00134	PRINTED CCT	EK – 80 V - 002	1
07-06-00135	RELAY PLATE	EK – T1157 - 002	1
07-06-00136	PRINTED CCT	EK – 16-00B	1
07-06-00137	PRINTED CCT	EL – T1116-002	1
07-06-00138	PRINTED CCT	EL – T11190.002	1
07-06-00139	DIGITAL INSTR	ET- T998.002	1
07-06-00140	PRINTED CCT	EL- T5031.00a	1
07-06-00141	PRINTED CCT	EL- T1163- 002	1
07-06-00142	PRINTED CCT BOARD	EK 275LV-00	1
07-06-00143	PRINTED CCT BOARD	EK- 373LV-00	1
07-06-00144	PRINTED CCT BOARD	EK- 217LV-00	1
07-06-00145	PRINTED CCT BOARD	EK- 715A-00	1
07-06-00146	FAULT IND	EL- T406-002b	1
07-06-00147	HYD PUMP	HY804X38.17.09L	1
07-06-00148	HYD PUMP	HY806X38.14.R	1
07-06-00149	HYD PUMP	HY806X38.14.09L	1
07-06-00150	HYD MOTOR	HY72SX35L	1
07-06-00151	HYD MOTOR	HY72SX35R	1
07-06-00152	HYD MOTOR	HY701N17R	1
07-06-00153	LASER RECEIVER CAMERA	MAX LASER DISTANCE 300m	2
07-06-00154	LASER TRANSMITTER	MEASURING ACCURACY (1-3)mm	2
	AUTOMATIC GUIDING	(NOTE:THIS MACHINE HAS NO ALC FITTED PREVIOUSLY SO ANY ACCESSORIES ARE NEEDED	2

CODE	DESCRIPTION	PART NO	QTY
07-06-00155	HYD PUMP	HY806X28.17LI	1
07-06-00156	HYD PUMP	HY806X28.22LI	1
07-06-00157	HYD PUMP	HY803SX22.22RE	1
07-06-00158	HYD PUMP	HY701N17RE	1
07-06-00159	HYD PUMP	HY701N22LI	1
07-06-00160	HYD PUMP	HY701N22RE	1
07-06-00161	HYD PUMP	HY916N500	1
07-06-00162	WHEEL SUPPORT	UD500-100©	4
07-06-00163	SUPPORTING CYLINDER	UD50-200	4
07-06-00164	AXIL SPRVING	732073-NG660-S5	16
07-06-00165	GEAR BOX	EM1045/MNI/3.55/00	1
07-06-00166	PRINTED CCT	EK-8135V-00	10
07-06-00167	TAMPING TYNE	2W31.41B	8
07-06-00168	PRINTED CCT	EK-16-00A	1
07-06-00169	PRINTED CCT	EK-16.00	1
07-06-00170	PRINTED CCT	EK-421DV-00	1
07-06-00171	PRINTED CCT	EK-76V-00	1
07-06-00172	PRINTED CCT	EK79V-00	1
07-06-00173	PRINTED CCT	EL-T1163-01	2
07-06-00174	PRINTED CCT	EK-715A-00	1
07-06-00175	PRINTED CCT	EK-275LV-00	1
07-06-00176	PRINTED CCT	EK-255LV-00B	1
07-06-00177	PRINTED CCT	EK-217LV-00B	1
07-06-00178	PRINTED	EK-7V-00A	1
07-06-00179	PCCT	EL-T1157-00	1
07-06-00180	PRINTED CCT	EL-SU-T59.00	1
07-06-00181	PRINTED CCT	EL-T-548-00	1
07-06-00182	PRINTED CCT	EL-T998-00A	1
07-06-00183	PRINTED CCT	EL-T1190-00A	1
07-06-00184	PRINTED CCT	EK-290LV-00A	1
07-06-00185	PRINTED CCT	EK-717A-00	1
07-06-00186	PRINTED CCT	EK-80V-00	1
07-06-00187	PRINTED CCT	EK-277LV-00	1
07-06-00188	PRINTED CCT	EK-83V-00	1
07-06-00189	PRINTED CCT	EL-T895.01	1
07-06-00190	PRINTED CCT	EL-T1420.00	1
07-06-00191	PRINTED CCT	EK-249LV-00	1
07-06-00192	PRINTED CCT	EK-719A-00	1
07-06-00193	PRINTED CCT	EK-423DV-00A	1
07-06-00194	PRINTED CCT	EK-373LV-00	1

CODE	DESCRIPTION	PART NO	
07-06-00195	TRIPLE PUMP	HY832X38	4
07-06-00196	VALUE	HY51A	4
07-06-00197	PUMP	HY701-N10RE	4
07-06-00198	VALUE	HY56R	24
07-06-00199	OIL COOLER	HY157.48-A	4
07-06-00200	VOLUME GOVERNOR	HY157.21	4
07-06-00201	NON-RETURN VALUE	HY151.03/ 0,5	4
07-06-00202	VALUE	HY24RSH	4
07-06-00203	VALUE	HY24RSJ-ET	64
07-06-00204	MOTOR	HT913.X138	8
07-06-00205	NON-RETURN VALUE	HY151.13/3	4
07-06-00206	PRESSURE GAUGE	HY154.18	4
07-06-00207	CONTROL VALUE BLOCK	HY16RMJ3	4
07-06-00208	ACTUATING	HY40.165	4
07-06-00209	CONTROL VALUE BLOCK	HY105MJJ	4
07-06-00210	FOUR WAY COCK	HY153.03	8
07-06-00211	VALUE	HY155.13	8
07-06-00212	CYLINDER	HZGB.063.025.0550.1	4
07-06-00213	MOTOR	HY912X250	8
07-06-00214	MOTOR	HY912X200	4
07-06-00215	VALUE	HY10RMEEEEJ	4
07-06-00216	VALUE	HY155.13	12
07-06-00217	CYLINDER	HZGB.080.045.0350.1.002	16
07-06-00218	CYLINDER	HZGB.063.036.0660.1.055	8
07-06-00219	CYLINDER	HZGB.100.050.0820.1.001	8
07-06-00220	CYLINDER	HZGB.063.040.0210.1.001	8
07-06-00221	CYLINDER	SU2.5.1.31	4
07-06-00222	HOSE	76.2X7.5 (ART.NR.481285963)	20
07-06-00223	CYLINDER	HZGB.063.025.0550.1	4
07-06-00224	MOTOR	HY900N200	4
07-06-00225	FILTER	90260	8
07-06-00226	AIR COMPRESSOR	90102	4
07-06-00227	HOSE	90291-500LG	4
07-06-00228	SPIRAL	DL90.37	4
07-06-00229	VALUE	90200	4
07-06-00230	WATER SEPARATOR	90181	4
07-06-00231	BRAKE VALUE	90364	4
07-06-00232	OILER	90180	4
07-06-00233	VALUE	90345	4
07-06-00234	VALUE	90251	4
07-06-00235	VALUE	90250	12
07-06-00236	BRAKE CYLINDER	90228/MEDIUM	16
07-06-00237	DOUBLE PRESSURE GAUGE	90256	4
07-06-00238	SWITCH	0344400008	8
07-06-00239	HORN	162052	8

CODE	DESCRIPTION	PART NO	
07-06-00240	NON-RETURN VALUE	90252	4
07-06-00241	VALUE	90257	4
07-06-00242	CYLINDER	WM388-U1C2B	4
07-06-00243	VALUE	WM607B1X	4
07-06-00244	VALUE	90253	8
07-06-00245	PNEUM. CYLINDER	PN2Z-G.35/12/50	12
07-06-00246	VALUE	90344	4
07-06-00247	STEP	CRW60.207	8
07-06-00248	WINDOW	WIN136-594.979-1	8
07-06-00249	WINDOW	WN136-594.696-1	8
07-06-00250	WINDOW	WN135-784.1734-2	4
07-06-00251	WINDOW	DL180.05	16
07-06-00252	FILLER STRIP	W6001ASCHW.(A291)	200
07-06-00253	WINDOW RUBBER	W6063	200
07-06-00254	WINDOW	WN135-609.744-1	4
07-06-00255	WINDOW	WN135-744.979-1	4
07-06-00256	LOCK	NR.1200	8
07-06-00257	SUPPORT	**PBR60IN	4
07-06-00258	SIEVE	586550039	4
07-06-00259	GASKET	680550701	4
07-06-00260	SEAL RING	A18X24X1,5DIN7603-CU	40
07-06-00261	TRANSDUCER	226.801/015/001	4
07-06-00262	SEAL RING	A38X44X1,5DIN7603-CU	40
07-06-00263	FILTER	ELFL3-10-1.0(UC-AB-1163-40)	4
07-06-00264	GASKET	CU40.504(CU40.200-10)	4
07-06-00265	HEX .BOLT	M8X16DIN933-8.8/VERZ.	200
07-06-00266	WASHER	VS8/VERZ.	200
07-06-00267	SPRING	732073-MG650-84	32
07-06-00268	BEARING BUSH	G200.11	4
07-06-00269	VALUE	HY24RSH-B	4
07-06-00270	ROD	CRW70.63	4
07-06-00271	SWITCH-BALL	M10X40DIN319	4
07-06-00272	GEARBOX	1032-04-01-1256 (TCM140-W=1,2/15:18)	4
07-06-00273	STRIP	C400.113	4
07-06-00274	STRIP	C400.114	8
07-06-00275	WIPER	C400-116	8
07-06-00276	WIPER	C400-115	4
07-06-00277	CONVEYOR BELT	800.03.226	4
07-06-00278	HEX. SOCKET HEAD CAP SCREW	M16X75DIN912-12.980	80
07-06-00279	SWEEPER	33X55X300MM-LG.	1600
07-06-00280	HOSE CLIP	ABA-50-65/12	1600
07-06-00281	STRIP	CRW500.04-4ALI	32
07-06-00282	STRIP	CRW500.04-4ARE	32
07-06-00283	WEAR PLATE	CRW500.04-5ALI	32
07-06-00284	WEAR PLATE	CRW500.04-5ARE	32

CODE	DESCRIPTION	PART NO	
07-06-00285	COUNTERSUNK SCREW	M12X60DIN604-4/VERZ.	480
07-06-00286	STRIP	CRW500.05-4A	32
07-06-00287	BOLT	CRW500.06	40
07-06-00289	CYLINDER	SU2.5.1.31	4
07-06-00290	LEVER	CRW500.25	8
07-06-00291	LEVER	CRW500.26	8
07-06-00292	CHAIN	NR.20-VERZ.	4
07-06-00293	COTTER PIN	5MM/VERZ.	8
07-06-00294	WING	CRW500.05	16
07-06-00295	CLEVIS	HZ60.01-4(5094-G)	8
07-06-00296	CLEVIS	HZ60.01-4(50945-G)	8
07-06-00297	WING	CRW600.10ALI	4
07-06-00298	WING	CRW600.10ARE	4
07-06-00299	BOLT	CRW600.21	16
07-06-00300	BOLT	WN105-60F8.645.5.12,5-1	8
07-06-00301	BOLT	WN105-50F8.466.10.5-1	8
07-06-00302	BOLT	CRW600.113	16
07-06-00303	BOLT	WN107-35h11.112,5.8-1	32
07-06-00304	BOLT	WN107-45h7-139.8,5-1	8
07-06-00305	SPACER RING	WIN121-35,2.39.12,5-1	32
07-06-00306	SPACER BUSH	WN 121-20,2.25.7,8-1	32
07-06-00307	SPACER RING	WN121-45,1.50.15,6-1	32
07-06-00308	SPACER RING	WN121-45,1.50.9,7-1	16
07-06-00309	UNIVERSAL JOINT	GE20DO	16
07-06-00310	UNIVERSAL JOINT	GE 35DO	16
07-06-00311	UNIVERSAL JOINT	GE 45DO	8
07-06-00312	BUSH	MB5060DU	16
07-06-00313	WASHER	20DIN1440/VERZ.	40
07-06-00314	SPLIT PIN	5X32DIN94/VERZ.(5X50DIN94)	40
07-06-00315	CIRCLIP	I68DIN472	8
07-06-00316	CIRCLIP	I55DIN472	16
07-06-00317	HEX. BOLT	M10X30DIN933-8.8	80
07-06-00318	CIRCLIP	135DIN472	16
07-06-00319	WASHER	35DIN1440/VERZ.	48
07-06-00320	SPLIT PIN	8X63DIN94/VERZ.(8X60DIN94)	40
07-06-00321	BUSH	MB6040DU	32
07-06-00322	WASHER	45DIN1440/VERZ.	40
07-06-00323	WASHER	VS10/VERZ	16
07-06-00324	WASHER	26DIN1440/VERZ	40
07-06-00325	HEX. BOLT	M12X30DIN933-8.8/VERZ.	16
07-06-00326	WASHER	VS12/VERZ	16
07-06-00327	SPLIT PIN	6,3X40DIN94/VERZ.	40
07-06-00328	CLEVIS	50946-G	8
07-06-00329	SPLIT PIN	8X56DIN94/VERZ.(8X55DIN94)	40
07-06-00330	BUSH	CRW215.104	16
07-06-00331	BRAKE BLOCK	CRW215.11016	16

CODE	DESCRIPTION	PART NO	
07-06-00332	BOLT	WN102-30.146.6,3-1	16
07-06-00334	BOLT	7.132.044087-4	16
07-06-00335	SPLIT PIN	6,3X40DIN94/VERZ.	40
07-06-00336	INSULATING DISC	7.200.044089-4	32
07-06-00337	BOLT	CU215.904(W-205948)	16
07-06-00338	HEX. NUT	5/8ZUNC-8(5/8"-11NC)	32
07-06-00339	WASHER	VS16(5/8"-LIGHT)	32
07-06-00340	HEX. NUT	1/2ZUNNC-8(1/2"-11NC)	16
07-06-00341	DIESEL ENGINE	F6L-413F/1X300CCM YR.ITEMS 259-262 INCLUDED	4
07-06-00342	BOLT	DL220.05	16
07-06-00343	CONE BEARING	571801317-70SH	16
07-06-00344	BUFFER STOP	7718007	16
07-06-00345	RING	DL220.06	16
07-06-00346	WASHER	VS12/VERZ.	48
07-06-00347	HEX. BOLT	M12X20DIN933-8.8/VERZ.	48
07-06-00348	HEX. BOLT	M16DIN934-10	32
07-06-00349	WASHER	VS16/VERZ.	32
07-06-00350	OIL COOLER	HY157.48-A	4
07-06-00351	BUFFER	40X30M10A/A (VR1629-1-155)(VR1675-1-155)	80
07-06-00352	HEX. NUT	M10DIN555160	160
07-06-00353	SPRING WASHER	B10DIN127/VERZ.	160
07-06-00354	VENTILATOR	U73.253-D	4
07-06-00355	OIL PRESSURE SWITCH	0344004013	8
07-06-00356	HEADLIGHT	W133/2	24
07-06-00357	BULB	24V35WBA20S/7409	24
07-06-00358	HEADLIGHT	W167	16
07-06-00359	BULB	24V18WBA15D/1116	16
07-06-00360	CEILING LIGHT	W50	4
07-06-00361	BULB	24V21WBA15S/7511	4
07-06-00362	WORKING HEADLIGHT	W131RAV-PG9	8
07-06-00363	BULB	24V21WBA15S/7511	8
07-06-00364	HORN	3BA002768-382 (24V-0320 203 012)	8
07-06-00365	WIPER MOTOR	0390507503	4
07-06-00366	WIPER MOTOR	0390507509	4
07-06-00367	MAGNETIC SWITCH	0330100022	4
07-06-00368	SWITCH BOX	EL-P1.08-B5	4
07-06-00369	SWITCH BOX	EL-P1.01-B14A (B14)	4
07-06-00370	SWITCH BOX	EL-T184.OOF	16
07-06-00371	SWITCH BOX	EL-T438.OOB	16
07-06-00372	CARPET	NOPPENLAEUFER-3,5MM	20
07-06-00373	FOAMED PLASTIC	SFL30GLATT-30MM	40

CODE	DESCRIPTION	PART NO	
07-06-00374	PLATE	BL1-A199,5HH>1250X2500/7X7	40
07-06-00375	RIVET	3,2X12	600
07-06-00376	HINGE	310037 (80X80)	16
07-06-00377	HOSE	1503-24	16
07-06-00378	HOSE	2781-16	120
07-06-00379	HOSE	2781-12	120
07-06-00380	HOSE	2718-10	120
07-06-00381	HOSE	2781-8	120
07-06-00382	HOSE	2781-6	160
07-06-00383	HOSE	2781-4	160
07-06-00384	HOSE	6,5X5 M.PL&TH AUFDRUCK	240
07-06-00385	HOSE	13X6-12BAR	120
07-06-00386	BATTERY TERMI	1901315013	8
07-06-00387	BATTERY TERMINAL	1901315011	8
07-06-00388	BATTERY	12V100AH/TROCKEN VORGELADEN (12V140A)	8
07-06-00389	CABLE	LA-YY-J4X1,5	200
07-06-00390	CABLE	LA-YY-J3X1,5	200
07-06-00391	FLEXIBLE WIRE	FLK1.5ROT	200
07-06-00392	FLEXIBLE WIRE	FLK1.5BLAU	200
07-06-00393	FLEXIBLE WIRE	FLK2,5WEISS	200
07-06-00394	STANDARD MACHINE - TOOLS	GARNITUR-III	4
07-06-00395	CABLE TIE	100/25	400
07-06-00396	CABLE TIE	365/78	400
07-06-00397	CABLE TIE	380/47	400
07-06-00398	JOINING TAPE	PTFE-GEWINDEBAND	120
07-06-00399	PRIMER PAINT	WEISS-K1424-BLEIFREI	400
07-06-00400	EBELUX AUTOLACK/SDGL.	BAHNGELB 24-BLEIFREI	400
07-06-00401	FOLIENSCHILD	PBR-103	8
07-06-00402	FOIL	PLASSER & THEURER-134MM	8
07-06-00403	VICE	240 764	4
07-06-00404	EBELUX- AUTOLACK/MATT	SCHWARZ-RAL9005	200
07-06-00405	WITH PLANS	**CATALOGUE	8
07-06-00406	CABLE FOR WELDING	GUOEF70MM2	60
07-06-00407	FITTING	PG9/SKINTOP	80
07-06-00408	CONNECTING GLAND	PG13/SKINTOP-MS	80
07-06-00409	CONNECTING GLAND	PG16/SKINTOP-MS	80
07-06-00410	CONNECTING GLAND	PG21/SKINTOP-MS	80

SPARE PARTS FOR OVERHAULING OF POWERED GANGER'S TROLLEY (ROBEL) TYPE54.17 SERIAL NOS. 12, 13, 14, 16, 17, 18, 20, 21

CODE	DESCRIPTION	PART NO	QTY
07-06-00411	ROOF VENTILATOR	08.01	8
07-06-00412	AIR- HUIDE DICK	08.02	8
07-06-00413	HEX. SREW	08.03	400
07-06-00414	HEX. NUT	08.04	400
07-06-00415	SPRING RING	08.05	400
07-06-00416	SWITCH	08.06	8
07-06-00417	STOP SENSOR	09.01	16
07-06-00418	BLINKER	09.02	8
07-06-00419	ROTATING LAMP	09.03	8
07-06-00420	LAMP	09.04	16
07-06-00421	LOWER PART		8
07-06-00422	SIGNAL LAMP	-4:10.01	40
07-06-00423	LAMP		80
07-06-00424	UNIVERSAL FOG LIGHT	-4:10.05	32
07-06-00425	LAMP	-04:10.06	80
07-06-00426	SWITCH	-2:10.09	40
07-06-00427	WORKING LAMP	-2:10.12	8
07-06-00428	LAMP	-2:10.13	16
07-06-00429	SWITCH	-02:10.14	8
07-06-00430	HAND REFLECTOR	-4:10.29	16
07-06-00431	SINGLE -GEAR TYPE PUMP	-34:01	8
07-06-00432	CHECK VALVE	-34:02	8
07-06-00433	ANGULAR FLANGE CONN. PC	-34:04	16
07-06-00434	DITO	-34:05	16
07-06-00435	HEXAGON HEAD BOLT	-34:08	80
07-06-00436	THERMOMETER	-2:53.09	8
07-06-00437	TEMP. GAUGE	-2:53.09	8
07-06-00438	PRESSURE HOSE	10,1 -2:53.14	16
07-06-00439	DITO	3,1 -2:53.15	16
07-06-00440	DITO	2,1 -2:53.16	16
07-06-00441	ANGLE SCREWING	-2:53.17	80
07-06-00442	STRAIGHT FAST. SCREWING	-2:53.18	80
07-06-00443	ANGLE SCREWING	-2:53.19	80
07-06-00444	ADAPTER	-2:53.20	80
07-06-00445	T SCREWING	-2:53.22	40
07-06-00446	T SCREWING	-2:53.23	40
07-06-00447	ANGLE SCREWING	-2:53.24	40
07-06-00448	ANGLE SCREWING	-2:53.26	40
07-06-00449	TURNABLE CONNECTION	-2:53.27	64
07-06-00450	ANGLE SCREWING	-2:53.30	40
07-06-00451	ANGLE SCREWING	-2:53.31	40
07-06-00452	ANGLE SCREWING	-2:53.33	40

CODE	DESCRIPTION	PART NO	QTY
07-06-00153	ADAPTER	-2:53.34	40
07-06-00454	FORK HEAD	-2:53.39	40
07-06-00455	FORK HEAD	-2:53.40	160
07-06-00456	FORK HEAD	-2:53.41	64
07-06-00457	RETURN PRESSURE VALVE	-2:53.48	8
07-06-00458	THREAD REDUCTION	-4:53.52	48
07-06-00459	DRAINAGE 3/4"	-4:60.05	48
07-06-00460	TWIN NIPPLE	-4:60.07	80
07-06-00461	CLAMPING CLIP	-60.09	160
07-06-00462	HEX. SCREW	-60.16	400
07-06-00463	PRESSURE GOV. WITH FILTER	-4:62.01	8
07-06-00464	ANTI - FREEZE PUMP	-4:62.03	8
07-06-00465	SAFETY VALVE	-4:62.05	8
07-06-00466	AIR FILTER 3/4" WITH TRAINAGE	-4:62.07	8
07-06-00467	PRESSURE REDUCTION VALVE	-4:62.09	8
07-06-00468	CHECK VALVE 3/4"	-4:62.11	24
07-06-00469	CHECK VALVE 3/4" WITH THROTTLE	-4:62.13	8
07-06-00470	DRIVERS BRAKE VALVE	-4:62.15	8
07-06-00471	HANDLE	-4:62.17	8
07-06-00472	TWIN MANOMETER	-4:62.19	16
07-06-00473	CONTROL VALVE	-4:62.31	8
07-06-00474	CONTROL STUD	-62.35	128
07-06-00475	BRAKE CYLINDER	-62.37	40
07-06-00476	SHIFT VALVE SV61	-62.41	16
07-06-00477	AIR PIPE 12MM		16
07-06-00478	STRAIGHT TIGHT. CONNECT PIECE	-63:01	40
07-06-00479	STRAIGHT TIGHT. CONNECT PIECE	-4:63.05	40
07-06-00480	REDUCER INSERTS	-4:63.06	40
07-06-00481	T- CONNECTION PIECE	-4:63.07	40
07-06-00482	STRAIGHT TIGHT. CONNECT PIECE	-63.10	40
07-06-00483	CONNECTION PIECES	-4:63.11	40
07-06-00484	ADJUSTABLE ANGULAR CONN. PC	-63.14	40
07-06-00485	REDUCER INSERTS	-4:63.16	40
07-06-00486	REDUCER INSERTS	-4:63.17	40
07-06-00487	STRAIGHT TIGHT. CONNECT PIECE	-4:63.19	40
07-06-00488	CONNECTION PIECES	-4:64.20	40
07-06-00489	STRAIGHT TIGHT. CONNECT PIECE	-4:63.22	80
07-06-00490	T-CONNECTION PIECE	-4:63.23	40
07-06-00491	REDUCER INSERTS	-4:63.24	40
07-06-00492	STRAIGHT TIGHT. CONNECT PIECE	-4:63.25	40
07-06-00493	T- CONNECTION PIECE	-4:63.26	40
07-06-00494	REDUCER INSERTS	-4:63.27	40
07-06-00495	REDUCER INSERTS	-4:63.28	40
07-06-00496	T- CONNECTION PIECE	-4:63.29	40
07-06-00497	REDUCER INSERTS	-4:63.30	40

CODE	DESCRIPTION	PART NO	QTY
07-06-00498	REDUCER INSERTS	-4:63.31	40
07-06-00499	T- CONNECTION PIECE	-4:63.32	40
07-06-00500	STRAIGHT TIGHTENING CONNECT PIECE	-4:63.35	40
07-06-00501	MANIFOLD	-4:63.36	40
07-06-00502	STRAIGHT TIGHTENING CONNECT PIECE	-4:63.37	40
07-06-00503	HOSE	-4:63.39	40
07-06-00504	STRAIGHT TIGHT. CONNECT PIECE	-63.41	40
07-06-00505	REDUCER INSERT	-4:63.42	40
07-06-00506	STRAIGHT TIGHT CONNECT PIECE	-4:63.44	40
07-06-00507	REDUCER INSERTS	-4:63.45	40
07-06-00508	REDUCER INSERTS	-4:63.46	40
07-06-00509	T- CONNECTION PIECE	-4:63.47	40
07-06-00510	MANIFOLD	-4:63.48	40
07-06-00511	STRAIGHT TIGHT. CONNECT PIECE	-4:63.49	40
07-06-00512	HOSE	-4:63.50	40
07-06-00513	THREAT REDUCER PIECE	-4:63.68	40
07-06-00514	STRAIGHT TIGHT. CONNECT PIECE	-4:63.69	40
07-06-00515	STRAIGHT TIGHT. CONNECT PIECE	-4:63.71	40
07-06-00516	STRAIGHT TIGHT. CONNECT PIECE	-4:63.73	40
07-06-00517	T- CONNECTION PIECE	-4:63.74	40
07-06-00518	TRANSITION MANIFOLD	4:63.75	40
07-06-00519	CONNECTION PIECES	-63.77	40
07-06-00520	ANGULAR CONNECT. PIECE	-63.78	56
07-06-00521	STRAIGHT TIGHT. CONNECT PIECE	-63.79	40
07-06-00522	THREAT REDUCER PIECE	-4:63.80	16
07-06-00523	ADJUSTABLE ANGULAR CONN. PC	-4:63.81	16
07-06-00524	STRAIGHT TIGHT. CONNECT PIECE	-63.82	32
07-06-00525	THREAT REDUCER PIECE	-4:63.83	32
07-06-00526	MANIFOLD	-4:63.88	32
07-06-00527	THREAT REDUCER PIECE	-4:63.89	32
07-06-00528	STRAIGHT TIGHT. CONNECT PIECE	-4:63.90	32
07-06-00529	HOSE	-4:63.91	16
07-06-00530	MANIFOLD	-4:63.92	80
07-06-00531	STRAIGHT TIGHT. CONNECT PIECE	-4:63.94	48
07-06-00532	HOSE	-4:63.95	16
07-06-00533	T- CONNECTION PIECE	-4:63.96	40
07-06-00534	REDUCER INSERT	-4:63.97	40
07-06-00535	STRAIGHT TIGHT. CONNECT PIECE	-4:63.98	40
07-06-00536	REDUCER INSERTS	-63.99	24
07-06-00537	ANGULAR CONNECT. PIECE	-63.100	40
07-06-00538	BULKHEAD SCREWING	-63.101	40
07-06-00539	REDUCER INSERT	-63.102	40
07-06-00540	MANIFOLD	-63.103	64
07-06-00541	HOSE	-63.104	16
07-06-00542	T- CONNECTION PIECE	-63.105	80

CODE	DESCRIPTION	PART NO	QTY
07-06-00543	ANGULAR CONNECT. PIECE	-63.106	80
07-06-00544	REDUCER INSERTS	-63.107	32
07-06-00545	MANIFOLD	-63.108	144
07-06-00546	HOSE	-63.109	16
07-06-00547	STRAIGHT TIGHT. CONNECT PIECE	-63.115	40
07-06-00548	MANIFOLD	-63.116	48
07-06-00549	HOSE	-63.117	16
07-06-00550	STRAIGHT TIGHT. CONNECT PIECE	-63.118	40
07-06-00551	MANIFOLD	-63.120	80
07-06-00552	HOSE	-63.121	16
07-06-00553	STRAIGHT TIGHT. CONNECT PIECE	-63.122	48
07-06-00554	STRAIGHT TIGHT. CONNECT PIECE	-36.124	32
07-06-00555	BULKHEAD SCREWING	-63.171	160
07-06-00556	MANIFOLD	-63.172	80
07-06-00557	HOSE	-63.173	16
07-06-00558	BULKHEAD	SCREWING	80
07-06-00559	MANIFOLD	-63.175	160
07-06-00560	HORS	-63.176	16
07-06-00561	BULKHEAD SCREWING	-63.177	80
07-06-00562	MANIFOLD	-63.178	16
07-06-00563	HOSE	-63.179	16
07-06-00564	BRAKE PEDAL VALVE	-66.01	8
07-06-00565	STRAIGHT FASTENING SCREWING	-66.02	16
07-06-00566	STRAIGHT FASTENING SCREWING	-66.03	16
07-06-00567	LOCKING SCREW	-66.04	16
07-06-00568	PRESSURE RING	-66.06	32
07-06-00569	O- RING	-66.07	80
07-06-00570	PRESSURE RING	-66.08	16
07-06-00571	O- RING	-66.09	80
07-06-00572	PRESSURE RING	-66.10	80
07-06-00573	PRESSURE LIMITING VALVE	-66.16	8
07-06-00574	STRAIGHT FASTENING SCREWING	-66.19	16
07-06-00575	PACKING RING	-66.20	80
07-06-00576	PRESSURE RING	-66.21	16
07-06-00577	O- RING	-66.22	80
07-06-00578	T- SREWING	-66.23	40
07-06-00579	REDUCTION ELEMENT	-66.24	
07-06-00580	TOW WAY VALVE	-66.30	16
07-06-00581	STRAIGHT FASTENING SCREWING	-66.31	40
07-06-00582	STRAIGHT FASTENING SCREWING	-66.32	40
07-06-00583	PRESSURE RING	-66.33	40
07-06-00584	O- RING	-66.34	80
07-06-00585	T- SCREWING	-66.35	16
07-06-00586	PIPE STUD	-66.41	80
07-06-00587	PIPE STUD	-66.42	80

CODE	DESCRIPTION	PART NO	QTY
07-06-00588	HOSE	-66.43	16
07-06-00589	HOSE	-66.44	16
07-06-00590	LOCKING TAP	-67.01	16
07-06-00591	OVERFLOW VALVE	-67.04	8
07-06-00592	PRESSURE HOSE	-67.09	16
07-06-00593	COMPRESSOR HORN	-72.01	16
07-06-00594	PUSH BUTTON	-72.03	8
07-06-00595	PIPE CLAMP	-78.17	128
07-06-00596	PIPE CLAMP	-78.18	80
07-06-00597	PIPE CLAMP	-78.19	160
07-06-00598	PIPE CLAMP	-78.20	160
07-06-00599	PIPE CLAMP	-78.21	160
07-06-00600	PIPE CLAMP	-78.22	160
07-06-00601	PIPE CLAMP	-78.24	128
07-06-00602	PIPE CLAMP	-78.25	96
07-06-00603	PIPE CLAMP	-4:78.26	240
07-06-00604	HEX. NUT	-91.54	160
07-06-00605	SPRING RING	-91.55	160
07-06-00607	SUPPORT FOR BRAKE	91.58	32
07-06-00608	HEX. SCREW	-91.61	400
07-06-00609	SPRING RING	-91.62	80
07-06-00610	LUBRICATION NIPPLE	-91.63	80
07-06-00611	BEARING BOLT	91.66	32
07-06-00612	SPRING RING	-91.70	120
07-06-00613	BEARING BOLT	91.71	48
07-06-00614	HEX. SCREW	-91.74	48
07-06-00615	SPRING RING	-91.75	48
07-06-00616	DICK	-91.76	80
07-06-00617	BRAKE SHOES	-91.77	64
07-06-00618	COVER	91.83	32
07-06-00619	HEX. SCREW	-91.86	240
07-06-00620	STRAPU	91.89	80
07-06-00621	BEARING	-91.90	32
07-06-00622	HEX. SCREW	-91.91	160
07-06-00623	HEX. NUT	-91.92	160
07-06-00624	BOLT	4:92.02	80
07-06-00625	SAFETY RING	-3:92.03	80
07-06-00626	DICK	-3:92.04	80
07-06-00627	FORK JOINT	4:92.08	32
07-06-00628	HEX. NUT FLAT	-3:92.09	80
07-06-00629	PRESSURE PIECES	3:92.12	80
07-06-00630	PLATE SPRING	-3:92.13	256
07-06-00631	DISK	-3:92.16	80
07-06-00632	MEGI AXLE SPRING	-94.15	64
07-06-00633	SHOCK ABSORBER	-94.18	32

CODE	DESCRIPTION	PART NO	QTY
07-06-00634	BOLT	94.19	64
07-06-00635	DISTANCE BUSH	94.21	128
07-06-00636	CROWN NUT	-94.22	80
07-06-00637	SPLIT PIN	-94.23	160
07-06-00638	DISK	-94.24	80
07-06-00639	SPLIT PIN	-95.08	160
07-06-00640	LUBRICATING NIPPLE	-95.11	80
07-06-00641	SUCTION PIPE	-2:98.01a	16
07-06-00642	SUCTION PIPE	2:98.04	16
07-06-00643	PIPE CLAMP NORMAL	-2:98.07	160
07-06-00645	HEX. SCREW	-2:98.08	400
07-06-00646	HEX. NUT	-2:98.09	400
07-06-00647	PROPELLER SHAFT	-2:102.01	8
07-06-00648	HEX. BOLT	-2:102.02	32
07-06-00649	PROPELLER SHAFT	-2:102.08	8
07-06-00650	HEX. BOLT	-2:102.10	32
07-06-00651	WELD ON PLATE	-2:102.15	32
07-06-00652	HEX. BOLT	-2:102.16	400
07-06-00653	SPRING RING	-2:102.17	400
07-06-00654	RUBBER STRIP	-108.07	40
07-06-00655	SEALING RING	-108.20	80
07-06-00656	HOSE	-108.27	16
07-06-00657	HOLDER FOR FILTER COMPL. + FILTER	108.31	8
07-06-00658	HOLDER FOR DIESEL HAND PUMP WITH	108.32	8
07-06-00659	DIESEL TANK COVER	108.01	8
07-06-00660	OIL FILTER	-4:110.03	40
07-06-00661	CABLE	-2:114.02	8
07-06-00662	CABLE	-2:114.03	8
07-06-00663	CABLE	-2:114.07	8
07-06-00664	FORK HEAD	-2:114.25	80
07-06-00665	BOLT	-2:114.26	80
07-06-00667	DICK	-2:114.27	80
07-06-00668	SLIT PIN	-2:114.28	160
07-06-00669	HEX. NUT	-2:114.31	160
07-06-00670	SPRING RING	-2:114.32	160
07-06-00671	ANGLE JOINT	-2:114.38	120
07-06-00672	TRACTION BAR	2:114.21	16
07-06-00673	TRACTION BAR	2:114.22	16
07-06-00674	CLAMPING BUSH	-2:114.46	8
07-06-00675	ACCELERATING VALVE	-118.01	8
07-06-00676	HEX. HEAD BOLT	-118.02	80
07-06-00677	HEX. HEAD NUT	-118.03	80
07-06-00678	SPRING RING	-118.04	80
07-06-00679	HEX. HEAD NUT	-118.07	80
07-06-00680	ACCELERATING CYLINDER	-118.09	8

CODE	DESCRIPTION	PART NO	QTY
07-06-00681	AIR PRESSURE CYLINDER	-118.11	8
07-06-00682	HOSE	-118.29	16
07-06-00683	4- WAY MAGNET VALVE	-118.31	8
07-06-00684	PLUG	-118.32	40
07-06-00685	SEALING RING	-118.33	40
07-06-00686	SILENCER	-118.35	8
07-06-00687	HOSE	-118.39	16
07-06-00688	ANGULAR JOINT	-118.18	80
07-06-00689	HEX. NUT	-118.22	80
07-06-00690	SPRING RING	-118.23	80
07-06-00691	SLIDE FOR DOORS		16
07-06-00692	SLIDING WINDOW LEFT	3:123.02	8
07-06-00693	SLIDING WINDOW RIGHT	3:123.03	8
07-06-00694	WINDSCREEN	3:123.04	32
07-06-00695	WINDSCREEN	3:123.05	8
07-06-00696	FOAM PLASTICS FOR CABIN PANELING		16qm
07-06-00697	ALUMINUM- LATTICE FOR CABIN PANELING		16qm
07-06-00698	SELF CUTTING SCREWS FOR AUL- LATTIC FIXING		2000
07-06-00699	FLOOR COVERING (GUM)		10qm
07-06-00700	DASHBOARD FOR CABIN COMPL. EQUIPPED		8
07-06-00701	DRIVERS SEAT/ BETTER VERSION		8
07-06-00702	DRIVERS SEAT		8
07-06-00703	HEXAGONAL SCREW		32
07-06-00704	HEXAGONAL NUT		32
07-06-00705	SAFETY DICK		32
07-06-00706	SEATS FOR THE CREW		8
07-06-00707	PLYWOOD SEAT		88
07-06-00708	COUNTERSUNK SCREW		352
07-06-00709	HEXAGONAL NUT SELF		352
07-06-00710	GUM DICK		352
07-06-00711	DICK		352
07-06-00712	UNDERFRAME		8
07-06-00713	UNDERFRAME		8
07-06-00714	UNDERFARME		8
07-06-00715	HEXAGONAL SCREW		384
07-06-00716	SAFETY DISK		384
07-06-00717	UNDERFARME		8
07-06-00718	ALL DROPSIDES FOR LOADING / ALUMINUM		8
07-06-00719	DROPSIDE GARN. SPAN		8
07-06-00720	STANCHION		32
07-06-00721	HINGE		96
07-06-00722	FLAT ROUND- HEAD SCREW		512
07-06-00723	BOLT		96

CODE	DESCRIPTION	PART NO	QTY
07-06-00724	PIN		96
07-06-00725	DISK		96
07-06-00726	WALL		16
07-06-00727	WELDING STRIP		32
07-06-00728	SET BOARDING TOOLS		8
07-06-00729	SET BOARDING TOOLS		8
07-06-00730	PALFINGER CRANE PK 7000 COMPL	-4:175.01	8
07-06-00731	SET HOSES FOR PALFINGER (PUMP-CRAN)		8
07-06-00732	HIGH PRESSURE HOSE		8
07-06-00733	CONNECTION		16
07-06-00734	T- SCREW- CONNECTION		8
07-06-00735	GLYCERINE MANOMETER		8
07-06-00736	SCREW CONNECTION FOR MANOMETER		8
07-06-00737	REDUCING INSERT		8
07-06-00738	HOSE FOR SUCTION		68
07-06-00739	CONNECTING PIECE FOR HOSE		8
07-06-00740	HOSE TIE		16
07-06-00741	CONNECTING PIECE FOR HOSE		8
07-06-00742	HR 16 X 2		60
07-06-00743	HR 8 X1		17.6
07-06-00744	SET HOSES (SPARES)		8
07-06-00745	SET SEALS FOR ALL VALVES AND CYLINDER / PALFINGER		8
07-06-00746	HYDRAULIC PUMP FOR PALFINGER		8
07-06-00747	COGWHEEL PUMP		8
07-06-00748	KICKBACK VALVE		8
07-06-00749	FLANGED SCREW CONNECTION		8
07-06-00750	FLANGED SCREW CONNECTION		8
07-06-00751	HEXAGONAL SCREW		32
07-06-00752	SAFETY DICK		32
07-06-00753	HOSE	2781-12X1100 incl.	16
07-06-00754	HOSE	2781-8X1100 incl.	8
07-06-00755	HOSE	2718-12X700 incl.	8
07-06-00756	HOSE	2718-16X550 incl.	8
07-06-00757	HOSE	2718-16X1000 incl.	8
07-06-00758	HOSE	2718-12	20mtr.
07-06-00759	HOSE	2718-6	20mtr
07-06-00760	GENERATOR 28/ 35V/ Amps	-2:01.07	8
07-06-00761	GOVERNOR	-2:01.08	8
07-06-00762	WIPERS	-2:01.33	16
07-06-00763	WIPER arm	-2:01.34	16
07-06-00764	GUIDING BAR	-2:01.35	16
07-06-00765	WIPER BLADE	-2:01.36	32
07-06-00766	DRIVERS DESK COMPL. IN POS. INDUCTED		8
07-06-00767	CABLE 3X 15		50mtr

CODE	DESCRIPTION	PART NO	QTY
07-06-00768	CABLE 2X 1.5		50mtr
07-06-00769	BATTERY 12V/ 135V Amps hr		16
07-06-00770	BATTERY CABLE 50 qmm		10mtr.
07-06-00771	BATTERY CLAMP MINUS POLE		8
07-06-00772	BATTERY CLAMP PULS POLE		8
07-06-00773	CABLE SHOES FUR 50 qmm		48
07-06-00774	MEASURING TAPES FOR AXLE AND MACHINES		48
07-06-00775	ELECTRIC MULTITONE HORN 24V		16
07-06-00776	CABIN LIGHT 24 V (NEON) COMPL.		16
07-06-00777	FLUORESCENT TUBE		16
07-06-00778	EXHAUST PIPE FRONT RIGHT	3:107.40	8
07-06-00779	EXHAUST PIPE BEFRONT RIGHT	11:107.41	8
07-06-00780	EXHAUST PIPE RIGHT	11:107.42	8
07-06-00781	EXHAUST PIPE LEFT FRONT	3:107.45	8
07-06-00782	EXHAUST PIPE FRONT LEFT	3:107.64	8
07-06-00783	EXHAUST PIPE LEFT	3:107.47	8
07-06-00784	EXHAUST MUFFLER	-3:107.48	16
07-06-00785	NORMAL CLAMP	-3:107.49	32
07-06-00786	HEX. SCREW	-3:107.50	160
07-06-00787	HEX. NUT	-3:107.51	160
07-06-00788	CLAMP	-3:107.54	80
07-06-00789	HEX. NUT	-3:107.55	200
07-06-00790	EXHAUST SUPPORT LEFT/ RIGHT	-13:107.57	16
07-06-00791	EXHAUST SUPPORT LEFT	11:107.60	8
07-06-00792	PROTECTION HALF	3:107.61	32
07-06-00793	PROTECTION HALF	3:107.62	32
07-06-00794	EXHAUST PROTECTION LEFT AND RIGHT	11:107.66	16
07-06-00795	EXHAUST PROTECTION CENTRE RIGHT	3:107.67	8
07-06-00796	EXHAUST PROTECTION CENTRE LEFT	3:107.68	8
07-06-00797	HEX. SCREW	-3:107.71	400
07-06-00798	DISK	-3:107.72	400
07-06-00799	SPRING RING	-3:107.73	400
07-06-00800	C INPUT SHAFT REAR BEARING		8
07-06-00801	C INPUT SHAFT FRONT BEARING		8
07-06-00802	D INPUT SHAFT FRONT BEARING RETAINE		16
07-06-00803	D INPUT SHAFT GEAR RETAINER RING		16
07-06-00804	FRONT CONVER SLEEVE		16
07-06-00805	INPUT SHAFT FRONT BEARING RETAINER		16
07-06-00806	B CONTROL VALVE GASKET		16
07-06-00807	DETENT SPRING	202200	48
07-06-00808	DETENT BALL	10J-12	48
07-06-00809	B REAR COVER TO TRANSMISSION CASE	231781	16
07-06-00810	B FRONT COVER GASKET	231606	16
07-06-00811	SCREEN ASSEMBLY	231390	16

CODE	DESCRIPTION	PART NO	QTY
07-06-00812	SCREEN ASSEMBLY GASKET	219373	16
07-06-00813	REAR COVER DOWEL	214118	32
07-06-00814	CASE SCREW LOCKWASHER	2,60E- 06	320
07-06-00815	CASE SCREW	17 C- 720	320
07-06-00816	D INPUT SHAFT	231782	8
07-06-00817	D INPUT SHAFT GEAR (29 T)	238429	8
07-06-00818	B SUCTION TUBE O- RING	25 K-40104	40
07-06-00819	FRONT COVER DOWEL	214295	32
07-06-00820	CLUTCH PRESSURE TUBE O- RING	25K- 40026	32
07-06-00821	REVERSE & 3rd CLUTCH PISTON RING	215183	24
07-06-00822	AIR VALVE FOR GEARSHIFT		40
07-06-00823	CRANE SIDE- STANCHION		8
07-06-00824	102 054 2363		16
07-06-00825	8 990 933 0023		64
07-06-00826	SAFETY DISC		64
07-06-00827	SEELVE		16
07-06-00828	V- BELT		16
07-06-00829	STAIRS		18
07-06-00830	STAIRS IN FRONT		16
07-06-00831	STANCHION FOR PLAYPEN		32
07-06-00832	GALVANIZED GRID		16
07-06-00833	STAIRS BACK LEFT SIDE		8
07-06-00834	STAIRS BACK RIGHT SIDE		8
07-06-00835	PIPE CLAMP		16
07-06-00836	WELDING SQUARE		64
07-06-00837	HEXAGONAL SCREW		128
07-06-00838	HEXAGONAL SCREW		128
07-06-00839	SAFETY DISC		128
07-06-00840	HYDRAULIC CYLINDER		8
07-06-00841	PIPE BURTS SECURING		8
07-06-00842	PRESSURE VALVE		8
07-06-00843	LOCKING SCREW		8
07-06-00844	SEALING RING, COPPER		8
07-06-00845	HAND PUMP		8
07-06-00846	HEXAGONAL SCREW		16
07-06-00847	SAFETY DISC		16
07-06-00848	HEXAGONAL NUT		16
07-06-00849	HEXAGONAL SCREW		16
07-06-00850	HEXAGONAL NUT		16
07-06-00851	SAFETY DISC		16
07-06-00852	CYLINDER HOLDER		8
07-06-00853	CYLINDER HOLDER		8
07-06-00854	DRIVERS CAB STANCHION		16
07-06-00855	BOLT		16
07-06-00856	BOLT		16

CODE	DESCRIPTION	PART NO	QTY
07-06-00857	SPRING PLUG DOUBLE		32
07-06-00858	DISTANCE SLEEVE		16
07-06-00859	BOLT		8
07-06-00860	BOLT		8
07-06-00861	DISC		32
07-06-00862	COTTER PIN		32
07-06-00863	THROTTLE VALVE		8
07-06-00864	HOLDER FOR HANDPUMP		8
07-06-00865	REDUCING PIECE		8
07-06-00866	SEALING RING, COPPER		8
07-06-00867	COLOR IRAQ YELLOW		100kg
07-06-00868	COLOR BLACK		100Kg
07-06-00869	TROPICAL ROOF		
07-06-00870	ORIGINAL REPLACEMENT ENGINE F 8L413V		8
07-06-00871	CLARK CONVERTER		8

SPARE PARTS REQUIRED FOR OVERHAULING OF RAUMA - REPOLA RAILWAY CRANES SERIAL NO: 3511970, 3511972, 3511974, 3511976, 3511979.

CODE	DESCRIPTION	PART NO	QTY.
07-06-00872	A) RAILWAY CRANE, BASIC PARTS PACKAGE.	119050	5
07-06-00873	B) SUPERSTRUCTURE EQUIPMENT SPARE PART PACKAGE.	119062	5
07-06-00874	B) SUPERSTRUCTURE SPARE PART PACKAGE.	168832-B	5
07-06-00875	C) BASIC UNIT, ASSY. SPARE PART PACKAGE.	117230-C	5
07-06-00876	C) SLEWING TRANSMISSION, ASSY. SPARE PART PACKAGE.	217512	5
07-06-00877	C) BRAKE CYLINDER, ASSY. SPARE PART PACKAGE.	939631752100	5
07-06-00878	C) PIPING, BASIC UNIT. SPARE PART PACKAGE.	182998-B	5
07-06-00879	C) PIPING, 4/3 DIRECTIONAL CONTROL VALVE. SPARE PART PACKAGE/REPAIR	177135	5
07-06-00880	C) MAGNET FILTER. GASKET.	939646470202	5
07-06-00881	C) RESERVOIR, CLUTCH CYLINDER GLASS PIPE.	939641199900	15
07-06-00882	C) SLEWING ASSY. SPARE PART PACKAGE/REPAIR.	117531	5
07-06-00883	C) PNEUMATIC DEVICES. SPARE PART PACKAGE.	119061	5
07-06-00884	D) POWER UNIT. SPARE PART PACKAGE. INCLUDE IN TOTAL 2 PCS OVERHAULED SCANIA ENGINE.	177124-A	5
07-06-00885	D) TORQUE CONVERTER. SPARE PART PACKAGE. INCLUDE IN TOTAL 2 PCS TORQUE CONVERTER.	117341-A	5
07-06-00886	D) PIPING, POWER UNIT. SPARE PART PACKAGE.	117741-A	5
07-06-00887	D) FUEL PIPING. SPARE PART PACKAGE.	217768	5
07-06-00888	E) OPERATOR'S CAB, ASSY. SPARE PART PACKAGE.	177132	5
07-06-00889	E) INSTRUMENT PANEL, ASSY. SPARE PART PACKAGE.	176071	5
07-06-00890	E) CAB + DOOR.	209467	5
07-06-00891	E) WINDSCREEN WIPERS.	209290	5
07-06-00892	E) INDICATOR DIAL. SPARE PART PACKAGE.	284055	5
07-06-00893	E) OPERATING LEVERS, ASSY. SPARE PART PACKAGE.	209527	5
07-06-00894	E) OPERATING RODS, ASSY. SPARE PART PACKAGE.	209522	5
07-06-00895	E) PEDALS. SPARE PART PACKAGE.	369650	5
07-06-00896	E) WIPER, REAR WINDOW.	209524	5
07-06-00897	E) INDICATOR OF LIFTING DRUM ROTATION.	306861	5
07-06-00898	E) SENSOR, ROTATION INDICATOR.	480734	5
07-06-00899	F) BOOM. SPARE PART PACKAGE.	168833	5

CODE	DESCRIPTION	PART NO	QTY.
07-06-00900	F) BOOM EXTENSION I. SPARE PART PACKAGE.	217430	1
07-06-00901	F) CYLINDER, DERRICKING. SPARE PART PACKAGE.	781330629800	5
07-06-00902	F) LIMIT SWITCH. SPARE PART PACKAGE.	209159	5
07-06-00903	F) PIPING, BOOM. SPARE PART PACKAGE.	182906	5
07-06-00904	F) RELIEF VALVE. SPARE PART PACKAGE.	782036427200	5
07-06-00905	F) STEERED CHECK VALVE. SPARE PART PACKAGE.	782030657000	5
07-06-00906	F) CHECK VALVE, DERRICKING. SPARE PART PACKAGE.	782046478500	5
07-06-00907	F) CAB-TYPER FILTER. SPARE PART PACKAGE.	939646983900	5
07-06-00908	F) HOOK, ASSY. SPARE PART PACKAGE.	234934	5
07-06-00909	G) HOIST UNIT. SPARE PART PACKAGE.	306962	5
07-06-00910	I) BOGIE. SPARE PART PACKAGE.	118985	5
07-06-00911	I) DRIVING MECHANISM.	118976	2
07-06-00912	I) FREE AXLE SET (DRIVING AXLE SET) STEEL WHEELS AND SHAFTS.	118989	5
07-06-00913	I) DRIVING MECHANISM. SPARE PART PACKAGE.	118976-B	5
07-06-00914	I) DRIVING MECHANISM-WHEELS ON AXLE. SPARE PART PACKAGE.	118981	5
07-06-00915	I) BRAKE LEVERS. SPARE PART PACKAGE.	118983	5
07-06-00916	J) BOGIE WITH HAND BRAKE. SPARE PART PACKAGE.	118986	5
07-06-00917	J) HAND BRAKE. SPARE PART PACKAGE.	323008	5
07-06-00918	K) FRAME. SPARE PART PACKAGE.	119001	5
07-06-00919	L) HYDRAULIC PIPING. SPARE PART PACKAGE.	119051	5
07-06-00920	M) ELECTRICALS. SPARE PART PACKAGE.	387287	5
07-06-00921	HOSES, PIPES AND CONNECTIONS. SPARE PART PACKAGE.	100100	5
07-06-00922	ELECTRIC WIRING (CABLES). SPARE PART PACKAGE.	100200	5
07-06-00923	TOOL BOX. ELECTRICITY- AND GENERAL TOOLS.	100400	2/5

ELECTRIAL SPARE PARTS FOR HENSCHZLL LOCOMOTIVES

QTY	P. N	DESCRIPTION	CODE
50	0253150951814201	STATOR ASY. D18 ALTERNATOR	07-06-00924
1500	025316504	Silicon diode positive	07-06-00925
1500	025316559	Silicon diode negative	07-06-00926
1000	025313106	Brush carbon AR 10	07-06-00927
1000	025313252	Brush carbon d14	07-06-00928
1200	025327006	Connector	07-06-00929
50	025340138	ifier Asy.Exciter Bridge –SCR-	07-06-00930
50	025340140	Recharctifier asy – Battery ger Including Resistor – BC	07-06-00931
100	025340162	Resistor RE 23-24	07-06-00932
50	025340173	Switch Rotary cut – out	07-06-00933
500	025340195	Relay Forward – Reverse	07-06-00934
1750	025340242	Rectifier	07-06-00935
50	025340275	Relay GR	07-06-00936
200	025340286	Resistor 400 watt	07-06-00937
150	025340297	Resistor 500 OHM 160 watt	07-06-00938
100	025340333	Resistor 50 watt	07-06-00939
50	025340468	Switch	07-06-00940
50	025340504	Breaker 6 Amp	07-06-00941
50	025340526	Breaker 5 Amp	07-06-00942
50	025340548	Breaker 15 Amp	07-06-00943
50	025340606	Breaker 15 Amp	07-06-00944
50	025340617	Breaker 30 Amp	07-06-00945
50	025340628	Fuse – starting 800 Amp	07-06-00946
50	025340967	Switch	07-06-00947
50	025341552	Module VR1	07-06-00948
50	025342501	Switch	07-06-00949
100	025343501	Contactor – ST 2000 Amp	07-06-00950
50	025343356	Contactor –GFD300 Amp	07-06-00951
500	025343638	Brush Asy .Movable contact	07-06-00952
1000	025343662	Post – stationary contact	07-06-00953
50	025343988	Contactor – GFC	07-06-00954
100	025344101	Contactor cooling fan	07-06-00955
200	025344123	Finger Asy	07-06-00956
400	025344203	Contact Asy	07-06-00957
100	025344509	Contactor Basic	07-06-00958
300	025344611	Contact Asy	07-06-00959
300	025344622	Contact Asy	07-06-00960
150	025345207	Contactor power P4	07-06-00961
600	025345400	Contact Asy	07-06-00962
300	025345433	Contact Asy	07-06-00963
150	025346628	Switch Asy . Reverse	07-06-00964
150	025346710	Contact	07-06-00965
150	025346696	Main stationary Contact	07-06-00966

QTY	P. N	DESCRIPTION	CODE
50	025347204	Contactora STA	07-06-00967
150	025347601	Relay	07-06-00968
150	025347623	Relay	07-06-00969
100	025347747	Relay MR	07-06-00970
50	025348252	Relay NUR	07-06-00971
50	025348308	Relay TLTD	07-06-00972
250	025348445	Push button	07-06-00973
250	025348401	Push button	07-06-00974
50	025348707	Resistor 500 HM	07-06-00975
100	025348966	Lube oil pressure Gauge	07-06-00976
100	025348988	Water temp. Inductor	07-06-00977
100	025349008	Oil temp-	07-06-00978
100	025349041	Load Ammeter	07-06-00979
100	025349063	Load Ammeter	07-06-00980
100	025349096	Voltmeter	07-06-00981
100	025350002	Motor Asy . starting	07-06-00982
100	025350024	Armature Asy	07-06-00983
100	025350046	Coil Asy	07-06-00984
300	025350148	Spring Brush	07-06-00985
300	025350159	Holder Brush	07-06-00986
300	025350181	Brush Asy	07-06-00987
100	025350228	Bushing – Drive housing	07-06-00988
50	025350501	Pump Asy Fuel	07-06-00989
50	025350534	Motor Asy Fuel pump	07-06-01048
50	025350760	Armature Asy	07-06-01049
50	025350807	Coil – Field	07-06-01050
50	025351094	Bearing	07-06-01051
100	025351516	Coil Asy	07-06-01052
100	025351582	PLUG – conduit 3 pole	07-06-01053
50	025351988	Load regulator	07-06-01054
100	025352804	Switch temp. TA	07-06-01055
50	025352906	Switch temp. TC	07-06-01056
250	025354288	Lamp	07-06-01057
250	025354302	Bulb	07-06-01058
50	025355259	Speed transmitter	07-06-01059
50	025355268	Speed recorder RT9	07-06-01060
50	025355270	Speed Indicator A16	07-06-01061
50	025380004	NICD–Battry 64V.270A/h 5h-48cells	07-06-01062
10000	025380059	Electrolyte for NICD battery	07-06-01063
2500	025391209	Cable 120 mm2	07-06-01064
2500	025391402	Cable 70 mm2	07-06-01065
5000	025392009	Cable 2.5 mm2	07-06-01066
5000	025392202	Cable 1.5 mm2	07-06-01067
50	025330008	Auxiliary Generator 18 kW	07-06-01068
100	025340071	Resistor. 0.16 ohm	07-06-01069

SPARE PARTS FOR CHECK LOCOMOTIVES TYPE DES 3100
CO-CO 810

CODE	DESC.	P.N	QTY
07-06-01070	SHOCKABSORBER TE1-10A	C11003016	6000
07-06-01071	BRAKE CYLINDER 8	2B90020-146	400
07-06-01072	GEAR BOX	0-02-8300-419	50
07-06-01073	FAN DRIVING SHAFT	3-02-8300-422	50
07-06-01074	GEAR BOX DRIVE	1-02-8300-410	50
07-06-01075	COMPRESSOR DRIVE	1-02-8300-425	50
07-06-01076	FAN DRIVE II	1-20-8300-367	50
07-06-01077	COMPRESSOR	K2 LOK1	50
07-06-01078	SUCTION VALVE 88R	3-4801-78	100
07-06-01079	DELIVERY VALVE 88R	3-4801-79	100
07-06-01080	SUCTION VALVE 70R	3-4801-23	100
07-06-01081	SUCTION VALVE 70R	3-4801-27	100
07-06-01082	PISTON FOR 1. STAGE	1-2620-06	100
07-06-01083	PISTON FOR 2. STAGE	2-2620-05	100
07-06-01084	1. STAGE CYLINDER	2-2701-01	100
07-06-01085	2. STAGE CYLINDER	2-2701-02	50
07-06-01086	CONNECTING ROD	3-5105-07	150
07-06-01087	CRANKSHAFT, COMPRESSOR	3-5102-04	50
07-06-01088	BRAK VALVE DAKO BS 2	4N90035.123	100
07-06-01089	AXLE BEARING	3-36-810952	600
07-06-01090	CENTERIFUGAL WATER PUMP ASSY.	1 DV. 126-028	50
07-06-01091	EATER PUMP SHAFT	3 DS126271	50
07-06-01092	ANTICLOCKWISE CENTERFUGAL PUMP	1 DU126036	50
07-06-01093	WITER PUMP SHAFT	3 DS.126275	50
07-06-01094	SPEED GOVERNOR	04U.8450.029	50

SPARE PARTS FOR HENSCHELLE

CODE	DESC.	P.N	QTY
07-06-01095	ARM ASSY. ROCKER EXHAUST VALVE	9319505	1200
07-06-01096	ARM ASSY. ROCKER INJECTER	9456128	600
07-06-01097	LINE ASSY. LUB.OIL ROCKER ARM.	8039842	600
07-06-01098	SHAFT ROCKER ARM.	8028460	600
07-06-01099	BRIDGE EXHAUST VALVE	8085260	1200
07-06-01100	ISERT LOWER LINER	8268641	600
07-06-01101	KIT,GASKET CYLINDER HEAD	8427111	600
07-06-01102	INJECTOR ASSY. FUEL	5229335	600
07-06-01103	TIP ASSY. 6 HOLSE	5229275	600
07-06-01104	COLLER THRUST-STANDARD	8028419	100
07-06-01105	BEARING MAIN-FRONT AND UPPER INTERMED.	8455862	250
07-06-01106	BEARING MAIN-FRONT LOWER.	8455666	250
07-06-01107	BEARING MAIN-CENTER UPPER	8455850	50
07-06-01108	BEARING MAIN-CENTER LOWER	8455667	50
07-06-01109	BEARING MAIN-REAR,UPPER	8455844	50
07-06-01110	BEARING MAIN-REAR,LOWER	8455665	50
07-06-01111	COUPLING ASSY. ACCESSORY DRIVE	8323180	50
07-06-01112	GOVERNOR ASSY.	9334838	50
07-06-01113	SHAFT, WATER PUMP	8052246	50
07-06-01114	BEARING –BALL,IMPELLER END	908415	50
07-06-01115	BEARING –BALL,GEAR END	908410	50
07-06-01116	KIT.	9544892	50
07-06-01117	BEARING, TURBOCHARGER	0907097	50
07-06-01118	WASHER,TURBOCHARGER	8261090	50
07-06-01119	DEAD MAN'S VALVE SVT-2T	I /72385	50
07-06-01120	SWITCH	4A45875	50
07-06-01121	RELAY VALVE WKV 200T	I/71679	50
07-06-01122	EMERGENCY BRAKE VALVE	1341940008	100
07-06-01123	PRESSURE TRANSMITTER DUE 322/1,	I/84791	100
07-06-01124	CHANGS-OVER COOK G-P-T	I/77859/005	50
07-06-01125	MAGNET VALVE MV-01ZG 72VOLT	I/81702/072	500
07-06-01126	MAGNET VALVE WMV-1ZG 72VOLT	I/70608/072	500
07-06-01127	VALVE MAGNET	I/69777/072	500
07-06-01128	GASKET	8261235	50
07-06-01129	GASKET	8261280	50

SPARE PARTS FOR COACHING STOCK

QTY	REF.NO.	DESCRIPTION	CODE
100 SET	AEG 165 -060-027 GZ1	COMPLETE SET OF ELECTRIC CONTACTS FOR SOCKET	07-06-01130
500	SCORTECA 1187000C	20 W . INVERTOR 24V DC/220 AC	07-06-01131
2000	SCORTEC A1187000C	40 W . INVERTOR 24 VDC/220 V.AC	07-06-01132
500	CNA	COMPLETE FIXTURE FOR 20 W. FLOUR-SCENT LIGHTING WITH INVERTOR	07-06-01133
50	50 DA	WATER COOLER CAPACITY 50-60 DIT./HR.WITH WATER PUMP	07-06-01134
40	707148	CONDENSER FAN MOTOR WITH ITS IMPLLER	07-06-01135
24	705901	CONDENSER FAN MONTOR WITH ITS IMPLLER	07-06-01136
300	E 047	SOCKET FOR FLOURRESENT TUBE	07-06-01137
150	ANF -C008-36	DOOR WITH ITS RUBBER KEY(SET -- COMPLETE)	07-06-01138
100	ANF BOOL - 073	LOWER SLID UPPER SLIDE FOR COMILER GASKET FOR MAIN INTRANCE	07-06-00990
100	ANF - BOOL -59	VERTICAL OUTER SPRING FOR COUPLER HOLDING MECHQNISM	07-06-00991
100	ANF - BOOL - 60	VERTICAL INNER SPRING FOR COUPLER HOLDING MECHANISM	07-06-00992
50	ANF - BOOL - 057	HORIZONTAL SPRING FOR COUPLER HOLDING MECH.	07-06-00993

SPARE PARTS FOR UD 10 22 R16 BRAKE CYLINDER

CODE	DESCRIPTION	REF-NO.(ANF)	QTY
07-06-00994	PUSH ROD ASSY	A061	300
07-06-00995	JOINT	A061/37	200
07-06-00996	Bellow		300
07-06-00997	Spring retaining	A061/34	200
07-06-00998	Thrust ballbearing	A061/35	200
07-06-00999	WASHER	A061/32	200
07-06-01000	ADJUSTING RING	A061/33	200
07-06-01002	CIRCLIP	A061/5	400
07-06-01003	NEEDLE ROLLER BEARING	A061/4	200
07-06-01004	NUT	A061/30	200
07-06-01005	SQUARE SNAP RING	A061/40	100
07-06-01006	FITTING	A061/22	200
07-06-01007	O- RING	A061/24	200
07-06-01008	CLAMP FITTING MINOX 250x290	A061/2	200
07-06-01009	Filter body	A061/42	200
07-06-01010	CIEVE	A061/27	200
07-06-01011	FILTER	A061/28	200
07-06-01012	FILTER HOLDER	A061/29	200

SPARE PARTS FOR HENSCHELLE LOCOMUTIES

CODE	DESC	P.N	QTY
07-06-01013	GASKET	8261281	50
07-06-01014	PIN	2	50
07-06-01015	PIN	8272273	50
07-06-01016	SHIM	8275931	50
07-06-01017	SHIM	8275932	50
07-06-01018	SHIM	8275933	50
07-06-01019	WASHER	8329488	50
07-06-01020	WASHER	8347339	50
07-06-01021	ROLLER	8366272	600
07-06-01022	RETINER	8366277	50
07-06-01023	COVER	8369101	50
07-06-01024	Shroud assg	8416706	50
07-06-01025	SEAL	8429310	50
07-06-01026	CAM PLATE	8432575	50
07-06-01027	INSERT	8474750	50
07-06-01028	WASHER	8488572	50
07-06-01029	BALLANCING TURBO WHEEL	8489831	50
07-06-01030	GASKET	8499569	50
07-06-01031	GASKET	9087078	50
07-06-01032	RETAINER	9327497	50
07-06-01033	RING	9413337	50
07-06-01034	BEARING	9540816	50
07-06-01035	BEARING	9540817	50
07-06-01036	SHAFT	9541266	50
07-06-01037	CLUTCH,OVERRUNING	9541265	50
07-06-01038	CUP	8315639	1200
07-06-01039	SPRING	8358383	600
07-06-01040	BEARING, AXEL	9526107	600
07-06-01041	WICK ASSY	8277771	600
07-06-01042	PINION	8452314	300
07-06-01043	WBO,AIR COMPRESSOR . 8124	9518776	50
07-06-01044	SEAL, OIL RUBBER	8341228	50
07-06-01045	GASKET,HEAD TO CYLINDER H.P	8337947	50
07-06-01046	GASKET HEAD TO CYLINER L.P	8337946	100
07-06-01047	HEAD CYLINER H.P	8347435	50
07-06-01048	VALV(H.P)DISCHARGE	4824969	50
07-06-01049	GASKET VALV COVER TO (L.P) HEAD	8107324	100
07-06-01050	GASKET VALVE COVER TO (H.P) HEAD	8107325	50
07-06-01051	GASKET VALVE COVER TO L.P HEAD	8083598	100
07-06-01052	CYLINDER LOW PRESSURE 7 .7/8 DIA	8518774	100
07-06-01053	CYIINDER HIGH PRESSURE 5.3/4 DIA	834734	50
07-06-01054	BEARING UPPER AND LOWER	849681	100
07-06-01055	VALVE ASSY.DISCHARGE	8424968	100
07-06-01056	VALVE ASSY.LOW PRESSURE SUCTION	9319947	100
07-06-01057	VALVEASSY HIGH PRESSURE SUCTION	9319946	100
07-06-01058	INDEPENDENT BRAKE VALVE (ZB11- 2)	I/79533/001	100

CODE	DESC	P.N	QTY
07-06-01059	AUTOMATIC BRAKE VALVE (D2-AG)	I/82398	100
07-06-01060	PRESSURE REDUCING VALVE(DBZ)	I/75381	50
07-06-01061	PRESSURE REDUCING VALVE OMZ	I/71472/0500	50
07-06-01062	Piston assy	9533162	600
07-06-01063	Ring set	8323296	600
07-06-01064	Bearing upper ,connecting rod	8354118	600
07-06-01065	Bearing lower ,connecting rod	8136114	600
07-06-01066	Carrier piston	8442120	600
07-06-01067	Bearing , insert	8442226	600
07-06-01068	Pin	9518958	600
07-06-01069	Washer	8135330	600
07-06-01070	Gasket , housing to crankcase	8081380	50
07-06-01071	Gasket ,housing to crankcase	8084665	50
07-06-01072	Head assy	9319736	600
07-06-01073	Guide exhaust valve	8310840	2400
07-06-01074	Valve exhaust	9319735	2400
07-06-01075	Lock valve	8383293	4800
07-06-01076	Seat , spring	8081795	2400
07-06-01077	Liner assy	9090233	600
07-06-01078	Seal liner top groove	8228554	600
07-06-01079	Seal liner lower groove	9316850	600
07-06-01080	Gasket ,piston cooling tube	8025988	600
07-06-01081	Gasket , jumper line to water manifold	8142354	600

SPARE PARTS FOR WAGON STOK

QTY	DESCRIPTONS	CODE
10000	COMPLETE HOSE PIPE WITH COUPLING HEAD , CONNECTING PIPE AND CLAMPS FOR AUTOMATIC AIR BRAKE WORKING PRESSURE 5 BARS MANUFACTURED ACCORDING TO THE SPECEFICATIONS AND REGULATIONS OF UIC NO 541 IRR MARK SHALL BE STAMPED ON EACH PART. DRAWINGS WITH DIMENTIONS ARE REQUIRED WITH THE OFFERS.	07-06-01082
5000	PARTS FOR KNORR BRAKING SYSTEM CONTROL CHAMBER WITH QUICK RLEASE VALVE ALV- 9A P.N 1543841001 FOR KE2 & KE1 VALVES	07-06-01083
3000	RELAY VALVE KR-1 COMPLETE FOR KE1 DISTRBUTOR VALVE P.N. 129407/001 (OF CASTIRON)	07-06-01084
2000	RELAY VALVE FOR WEIGHING DEVICE TYPE RLVIID6	07-06-01085
1000	STEEL TyRE OF 920MM. DIA.ON TRADE WITH RETAINING RINGS SUPPLIED IN THE AS ROLLED CONDITINS FOR TRAILING STOCK, MANUFACTURED AND TESTED TO UIC LEAFLET NO. 810-1-0 AND ACCORDING TO DRG.NO. 1139 CLASS OF STEEL B4 AS GIVEN IN TABLE 1 TYRES SHALL BE MARKED BY HOT STAMPING INDICATING ALL INFORMATIONS REQUIRED . TYRES SHALL BE GUARANTEED FOR 5 YEARS AGAINST ANY DEFECT MAY OCCUR DURING INNORMAL OPERATION . THE SUPPLIER SHALL SUBMITT DRAWINGS FOR APPROVAL BY IRR, WHICH SHOWS THE GENERAL DIMENSIONS, MATERIAL , STAMPING & OTHER SPECEFICATIONS .	07-06-01086
1100	Retaining Rings for above .	07-06-01087

Rail – road cars

COUD	Description	QTY.
07-06-01088	RAIL – CUM ROAD VEHICLE TYPE 1650L WITH TWO SEAT FOR SIX PERSON SAME AS BASIC VEHICLE DAIMLER – BENZE UNIMOG. WITH TRACK GUIDING SYSTEM . SEPARATE CONTROL IN FORNT AND HYDRAULIC PUMP AND TANK FOR HYDRLIC OIL NOT LESS THAN 30 LIT. CAPACITY. SIGNAL LIGHT AND WARNING SYSTEM . OPTICAL WARNING SYSTEM . TWO SEARCH LIGHTS . SPECIAL BODY CONSTRUCTION FOR ACCOMIDATION OF RERAILING EQUIPMENT AND TOOLS. ROOF CARRIER FOR SPARE WHEEL. LIFTING DEVICE FOR SPARE WHEEL. TUBULAR HOLDING DEVICE . FRONT FRAME AND INSTALLATION OF CONTROL UNIT (ADD-ON – HYDRAULIC) FOOT PLATE FOR BOTH SIDE . TURN TABLE UNDER THE VEHICLE TO TURN THE VEHICLE 360 (DEG) WITH JACK . FOLDING DOORS FOR BOTH SIDE AND AT END IT CAN BE OPEND .	2

CODE	DESCRPTION	QTY
07-06-01089	OPTICAL TELECOMMUNICATION SYSTEM FOR RAILWAY LINE OF 200 Km LENGTH 15 WAY STATIONS INCLUDE 3 MAIN STATION . THE SYSEM SHALL MEET REQUIREMENTS OF RAILWAY COMMUNICATION NETWORK APPLICATION AND PROVIDES THE AVAILABLE DATA CHANNELS FOR FUTURE CTC SIGNALLING SYSTEM . THE SYSTEM SHALL INCLUDE : 1- TRANSMISSION NETWORK. 2- OPTICAL CABLE AND ELECTRICAL CABLE NETWORK. 3- DISPATCHING COMMUNICATION EQUIPMENT AND STATIONS INTERPHONES EQUIPMENT.	
07-06-01090	One- VHF RADIO SCH. DNPLEX SYSTEM WITH FACI LITY OF SELECTIRE CALL FOR RAILWAY STAIONS 50Km COVERAGE, 12V POWER SUPPLY .	

07-06-01091	Two- VHF PROTABLE RADIO SCH .2W MACHED WITH THE ABOVE SYSTEM.	
07-06-01092	TAPE CASSETTE LZY 2030031 FOR ERICSON ASB 900 TELEPHONE EXCHANGE.	
07-06-01093	MICROPROCESSER INTEGRATED Z8618.	
07-06-01094	SLX / XL TELEPHONE EXCHANGE (PABX) GPT One- TAPE UNIT BUWIE QTY/ 2 Two- TAPE CASSETTE NO 16533 BASE 6700219 QTY/ 2. Three- BPC 907 PERIPHERAL BUFFER .QTY/4. Four- BPC 904 LINE CARD . QTY/7. Five- BPC 905 COLFX TRUNK .QTY/4. Six- BPC 50 NETWORK .QTY/ 8. Seven- BPC 158 MULTIGROUP EXT .QTY/ 3. Eight- BPC 213 C.M.A .QTY/ 3. Nine- BPC 51A 64K MEMORY CARD .QTY/ 10. Ten- BPC 51D 64K MEMORY CARD . QTY/10. Eleven-BPC 216 3PORT EXT . QTY/ 3. Twelve- BPC 215A QTY/ 3 . Thirteen- TRANSTEL COMSCRIBE PRINTER WITH KEYBOARD QTY/ 1. Fourteen- OPERATOR CONSOLE SLX .QTY/ 1.	
07-06-01095	TELEPHONE EXCHANGE PABX 2W180 WEST GERMENY One- OPERATOR POSITION 20.59432 A5 .QTY/1 Two- PRINTED CIRCUIT A(STA) 28.5943.5312. .QTY/1 Three- SET OF EQUIPMENTS FOR DATA INPUT INCLUDE CASSETE RECORDER, PC BOARD SSV V24 , MAIN CORRECTING CORD , 6 DIGITAL MINI CASSETTE / QTY /1 Four- SERVICE UNIT QTY/ 1.	

FOR CHECK LOCOMOTIVES

20 SETS	COMPLETE DIESEL ENGINE TYPE CKD K6 S 310 DR WITH DC GENERATOR TYPE TD 802 FOR SHUNTING LOCOMOTIVES OR ANY OTHER TYPE OF GENERATING SETS SUITABLE TO REPLACE THE EXISTING SETS SUITABLE FOR TRACTION OF 1100 HP AT SITE CONDITIONS WHICH IS 55 C MAX. SHADE TEMP. IN SUMMER , - 5 C. MIN. TEMP. IN WINTER , MEAN RELATIVE HUMIDITY IN SUMMER 26 % AND IN WINTER 73 % . MAX. RELATIVE HUMIDITY 90 % WINTER . MIN. RELATIVE HUMIDITY 13 % SUMMER WITH DUST STORMS	07-06-01096
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ADDITIONAL PARTS FOR HENSHELLE LOCOMOTIVES

QTY.	DESCRIPTION	p.l.	P.N.	CODE
10	COMPLETE DIESEL ENGINE GM. EMD 12- 645 E3B		9541269	07-06-01097
10	MAIN GENERATOR AR10-D18	333.501.01.00	9535724	07-06-01098
10	CRANK SHAFT COMPLETE STANDARD SIZE	118-2-1	9547357	07-06-01099

CODE	DESCRIPTION	QTY
07-06-1100	Spare parts for repairing and general over halling of 50 main line locomotives manufactured by Franco-RAIL(FRANCE) co-co 2650 KW Each set shall consist of majour parts and wearing parts for the following systems: Diesel engine *electrical parts *traction motors parts *AIR COMRESSOR and braking system *BOGIE	50 sets
07-06-1101	Spare parts for repairing and general over halling for 5 wheel lathe machines manufactured by Hegenscheidte of Gemany . spares shall consist of all necessary parts.. electrical and mechanical	5 SETS
07-06-1102	Complete air compressor type 243vc 78	10
07-06-1103	Suction valve 4A P.N. 52131/19	500
07-06-1104	OUTER valve disc p.n 52131/23	500
07-06-1105	Inner valve disc p.n 52131/24	500
07-06-1106	Inner spring inox p.n 52131/25	500
07-06-1107	Outer spring inox p.n 52131/26	500
07-06-1108	Sealing washer for valve 4R 52131/28	1000
07-06-1109	Delivery valve 4R 52131/30	500
07-06-1110	Inner valve disc 52131/34	500
07-06-1111	Outer valve disc 52131/35	500
07-06-1112	Inner spring inox 52131/36	500
07-06-1113	Outer spring inox 52131/37	500

CODE	DESCRIPTION	QTY
07-06-1114	Sealing washer for valve 4R 52131/39	1000
07-06-1115	Suction valce 2A 52132/19	1000
07-06-1116	Inner valve disc 52132/23	1000
07-06-1117	Inner spring inox 52132/24	1000
07-06-1118	Sealing washer for Hp valve 2a 52132/26	1500
07-06-1119	Delivery valve 2R 52132/28	1000
07-06-1120	Inner valve disc 52132/32	1000
07-06-1121	Inner spring inox 52132/33	1000
07-06-1122	Sealing washer for Hp valve 2R 52132/35	1500
07-06-1123	LP pressure ring 136 mm dia. Width 35 mm 52140/9	250
07-06-1124	Piston 52140/11	100
07-06-1125	Lp scraping ring 136 mm 5214/10	250
07-06-1126	Lp little end bush 52140/13	25
07-06-1127	Lp half bearing shells 52140/16	500
07-06-1128	Lp con. Rod only 52410/17	25
07-06-1129	Hp pressure ring 75mm dia width 5mm 52140/25	250
07-06-1130	Hp piston 52140/27	100
07-06-1131	Hp little end bush 52140/29	25
07-06-1132	Hp half bearing shells 52140/32	500
07-06-1133	Crank shaft 52140/50	10
07-06-1134	Oil pump con. Rod machinery 52150/2	125
07-06-1135	Big end bush 52150/3	125
07-06-1136	Little end bush 52150/4	25
07-06-1137	Oil pump 52151	25
07-06-1138	Oil filter 52152	250
07-06-1139	Cylinder liner 52140/05	25
07-06-1140	Cylinder liner 52140/21	25
07-06-1141	Lp cylinder base gasket 52140/02	300
07-06-1142	Hp cylinder base gasket 52140/18	300

Track material for construction and maintenance			
CODE	DESCRIPTION	PART NO	QTY.
07-06-1143	UIC60 RAILS WITHOUT HOLES		24000 TONS
07-06-1144	PANDROL CLIPS FOR UIC60 RAILS		1400000
07-06-1145	PANDROL SHOULDER FOR UIC60 RAILS		1400000
07-06-1146	STRAND (7 WIRES X 9.3 MM DIA.) FOR PRESSTRESSED CONCRETE SLEEPERS OF TENSILE STRENGTH 18000 KG/CM2 (FOR NEW LINE)		3400 TONS
07-06-1147	RUBBER OR HDPE PAD FOR UIC 60 RAILS		700000

MOU REQUIREMENTS

CODE	DESCRIPTION	QTY
07-06-01289	OPTICAL TELECOMMUNICATION SYSTEM FOR RAILWAY LINE OF 200 Km LENGTH 15 WAY STATIONS INCLUDE 3 MAIN STATION . THE SYSEM SHALL MEET REQUIREMENTS OF RAILWAY COMMUNICATION NETWORK APPLICATION AND PROVIDES THE AVAILABLE DATA CHANNELS FOR FUTURE CTC SIGNALLING SYSTEM . THE SYSTEM SHALL INCLUDE : 4- TRANSMISSION NETWORK. 5- OPTICAL CABLE AND ELECTRICAL CABLE NETWORK. 6- DISPATCHING COMMUNICATION EQUIPMENT AND STATIONS INTERPHONES EQUIPMENT.	
07-06-01290	Three- UHF/VHF RADIO SYSTEM WITH FACILITY OF SELECTIVE CALL FOR RAILWAY STATIONS 50Km COVERAGE, 12V POWER SUPPLY .	100
07-06-01291	Four- UHF/VHF PORTABLE RADIO MATCHED WITH THE ABOVE SYSTEM.	100
07-06-01292	TAPE CASSETTE LZV 2030031 FOR ERICSON ASB 900 TELEPHONE EXCHANGE.	4
07-06-01293	MICROPROCESSOR INTEGRATED Z8618.	50
07-06-01294	SLX / XL TELEPHONE EXCHANGE (PABX) GPT (GEC TELECOM . PRIVATE COVENTRY) Fifteen- TAPE UNIT BUWIE Sixteen- TAPE CASSETTE NO 16533 BASE 6700219 Seventeen- BPC 907 PERIPHERAL BUFFER Eighteen- BPC 904 LINE CARD Nineteen- BPC 905 COLFX TRUNK Twenty- BPC 50 NETWORK Twenty-one- BPC 158 MULTIGROUP EXT h- BPC 213 C.M.A i- BPC 51A 64K MEMORY CARD j- BPC 51D 64K MEMORY CARD k- BPC 216 3PORT EXT . l- BPC 215A m- TRANSTEL COMSCRIBE PRINTER WITH KEYBOARD n- OPERATOR CONSOLE SLX	2 2 4 7 4 8

07-06-01295	TELEPHONE EXCHANGE PABX 2W180 WEST GERMENY Five- OPERATOR POSITION 20.59432 A5 .QTY/1 Six- PRINTED CIRCUIT A(STA) 28.5943.5312. .QTY/1 Seven- SET OF EQUIPMENTS FOR DATA INPUT INCLUDE CASSETE RECORDER, PC BOARD SSV V24 , MAIN CORRECTING CORD , 6 DIGITAL MINI CASSETTE / QTY /1 Eight- SERVICE UNIT QTY/ 1.	
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