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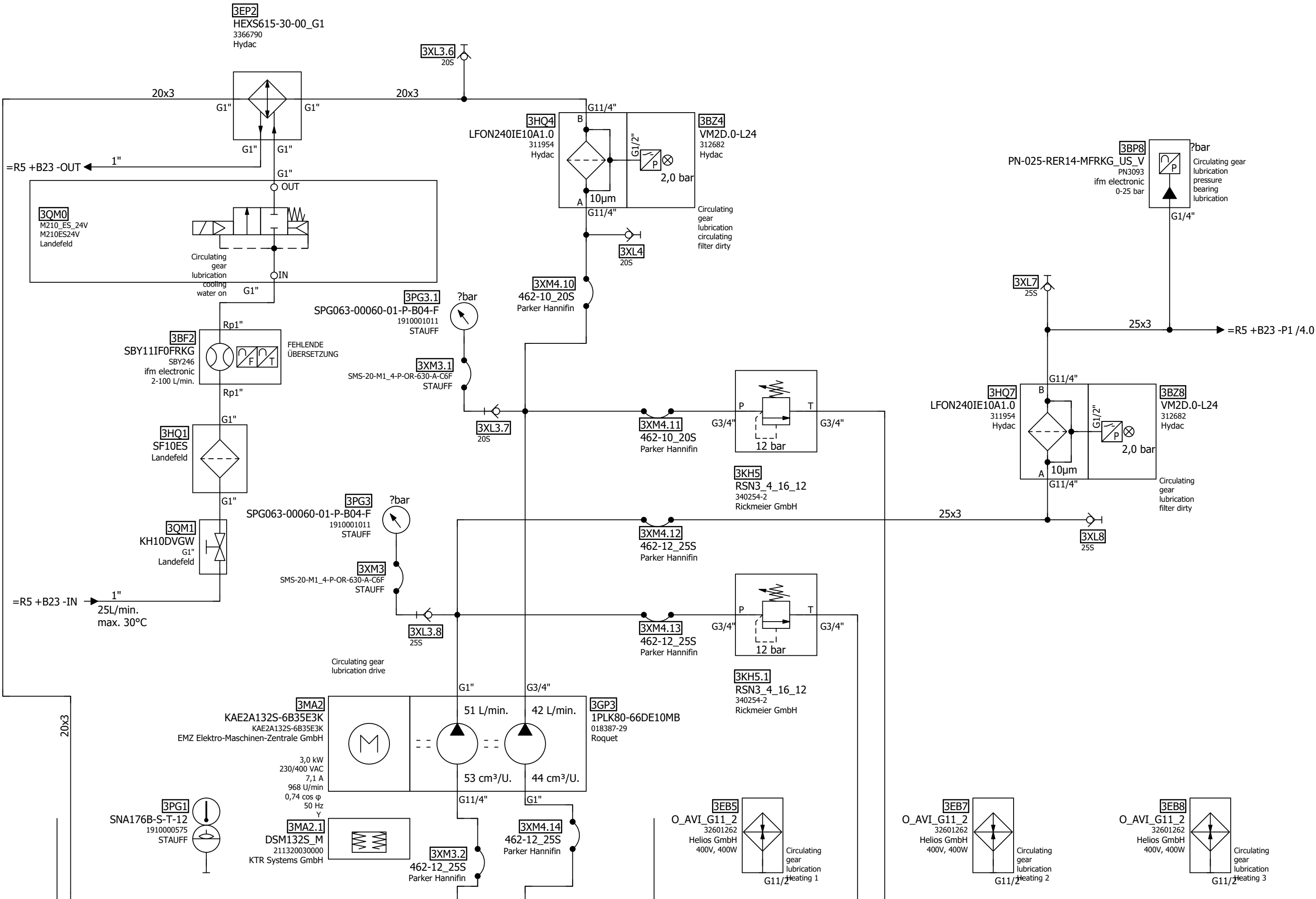
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gear lubrication

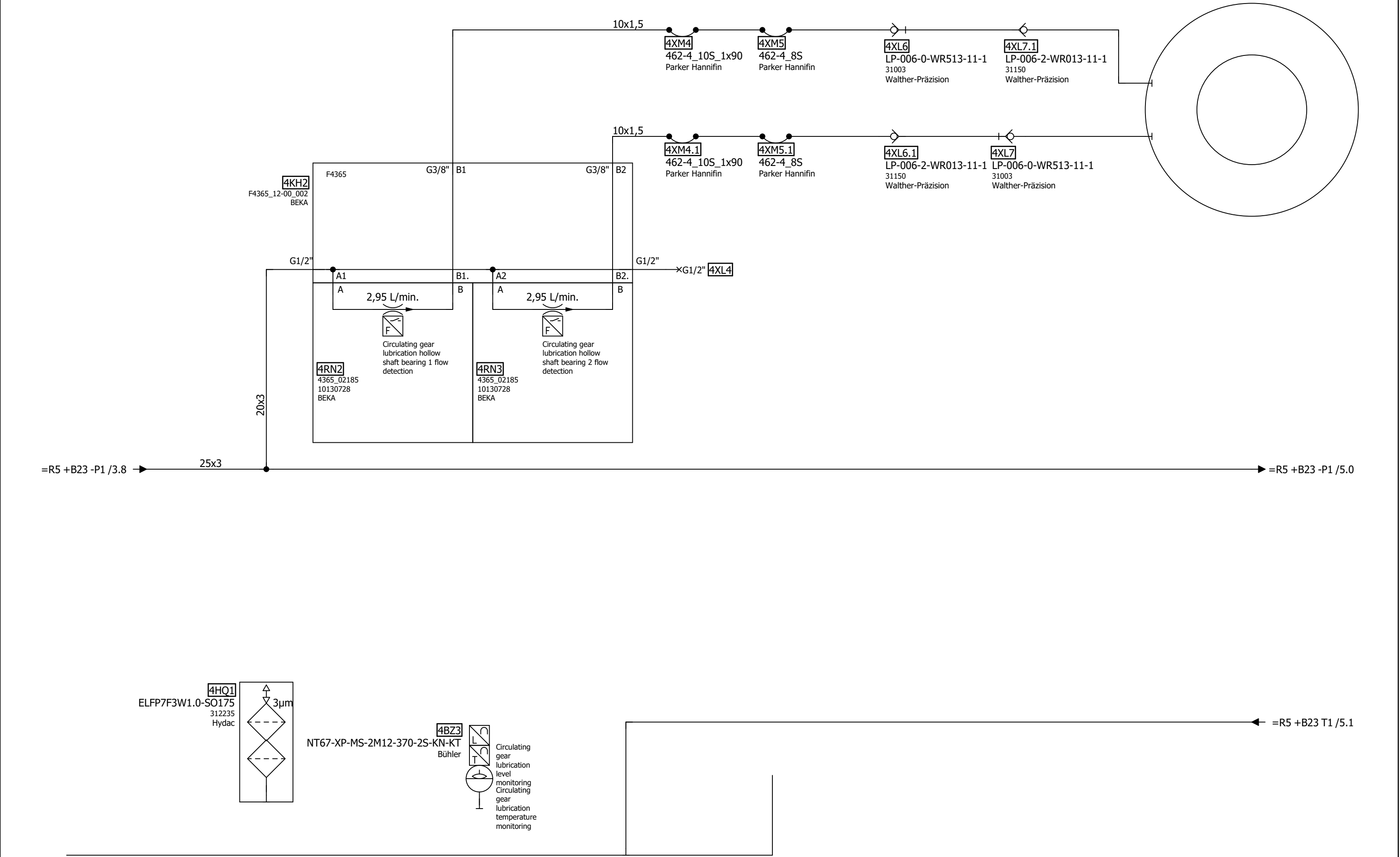
customer	HPI	Gearbox circulation lubrication data of the project:	
Project designation	Peeling, testing and packing equipment	Tank size:	300 Liter
Type designation the plant:	SH 110-AL	Gear oil:	VG46
project number:	A24013		
Customer-no.:			
Project name	A24013AH		
EPLAN P8 Version	2.9.4		
project manager	Lukas Vedder-Stute	year of investment:	2026
Created on	11.01.2022	from	Neuhaus, Dirk
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Hollow shaft



Single parts list

Device tag	Quantity	Article designation	Type number	Manufacturer	ERP-Number
=R5-3BF2	1	Flow sensor, Rp1"	SBY11IF0FRKG	ifm electronic GmbH Vertrieb	O19020-900.026
=R5-3BP8	1	Electronic Pressure sensor; 0...25 bar; G 1/4 internal threads; 4...20 mA	PN-025-RER14-MFRKG_US_V	ifm electronic GmbH Vertrieb	OT000000061
=R5-3BZ4	1	Differential pressure - contamination sensor	VM2D.0-L24	Hydac International GmbH	O06600-000.031
=R5-3BZ8	1	Differential pressure - contamination sensor	VM2D.0-L24	Hydac International GmbH	O06600-000.031
=R5-4BZ3	1	Level and temperature sensor	NT67-XP-MS-2M12-370-2S-KN-KT	Bühler Technologies GmbH	OT000000063
=R5-3EB5	1	Screw-in radiator, G11/2", 400V, 3ph, 400W	O_AVI_G11_2	Helios GmbH	O19040-100.042
=R5-3EB7	1	Screw-in radiator, G11/2", 400V, 3ph, 400W	O_AVI_G11_2	Helios GmbH	O19040-100.042
=R5-3EB8	1	Screw-in radiator, G11/2", 400V, 3ph, 400W	O_AVI_G11_2	Helios GmbH	O19040-100.042
=R5-3EP2	1	plate heat exchanger, G1", 30 plates	HEXS615-30-00_G1	Hydac International GmbH	O073HEXS615001
=R5-3EP2	1	fastening element HEX-615	HRGBLPU25HEX-615ST	Hydac International GmbH	O073HEXS615002
=R5-3GP3	1	Double gear pump, 53+44cm³/U., clockwise	1PLK80-66DE10MB	Roquet	O1361PLK80-002
=R5-3GP3	1	pipe flange, 1"	RF04-R12_11_4-G1	Bucher Hydraulics GmbH	O13RF04-R12001
=R5-3GP3	1	pipe flange, 11/4"	RF05-R12_11_2-G11_4	Bucher Hydraulics GmbH	O13RF05-R12001
=R5-3GP3	1	connecting flange, 3/4", 90°	RF225_ST-3_4-40-90°	Bucher Hydraulics GmbH	O13RF225000001
=R5-3GP3	1	connecting flange, 1", 90°	RF233_ST-1-51-90°	Bucher Hydraulics GmbH	O13RF233000001
=R5-3GP3	1	Pump bracket	PK300_15_95	KTR Systems GmbH	M33PK300-15001
=R5-3GP3	1	Flansch_Z-Ring	Flansch 280 -459704	KTR Systems GmbH	M33PK300-15002
=R5-3GP3	1	Rotex coupling	R28-28.N_4	KTR Systems GmbH	M2728000000033
=R5-3HQ1	1	dirt trap, G1"	SF10ES	Landefeld Druckluft und Hydraulik	OT000000069
=R5-3HQ4	1	Line filter, BG240, 10µm, 100bar	LFON240IE10A1.0	Hydac International GmbH	O06424-000.013
=R5-3HQ4	1	filter element pressure filters, BG240, 10µm	0240D010ON	Hydac International GmbH	O06324-000.002
=R5-3HQ7	1	Line filter, BG240, 10µm, 100bar	LFON240IE10A1.0	Hydac International GmbH	O06424-000.013
=R5-3HQ7	1	filter element pressure filters, BG240, 10µm	0240D010ON	Hydac International GmbH	O06324-000.002
=R5-4HQ1	1	Tank ventilation filter with filling sieve, flanged DIN24557/T2, 3µm	ELFP7F3W1.0-SO175	Hydac International GmbH	O06200-000.026
=R5-4HQ1	1	filter element tank ventilation filter, 3µm	0007L003P	Hydac International GmbH	O06300-000.003
=R5-3KH5	1	Pressure relief valve, G3/4", 16bar, default 12bar	RSN3_4_16_12	Rickmeier GmbH	O03220-000.026
=R5-3KH5.1	1	Pressure relief valve, G3/4", 16bar, default 12bar	RSN3_4_16_12	Rickmeier GmbH	O03220-000.026
=R5-4KH2	1	base 2-fold	F4365_12-00_002	Groeneveld-BEKA-GmbH	M40F4365-12001
=R5-5KH1	1	base 5-fold	F4365_12-00_005	Groeneveld-BEKA-GmbH	M40F4365-12002
=R5-3MA2	1	Three-phase motor, 3.0KW, 968 rpm, 400V/50Hz	KAE2A132S-6B35E3K	EMZ Elektro-Maschinen-Zentrale GmbH	E02003.0010303
=R5-3MA2.1	2	damping rod	DSM132S_M	KTR Systems GmbH	M41DSM132S0001
=R5-3PG1	1	level indicator, 176mm	SNA176B-S-T-12	Walter Stauffenberg GmbH & Co. KG	O19020-400.007
=R5-3PG3	1	Glycerine pressure gauge, G1/4", 63mm, 0-60bar/psi, with built-in front ring	SPG063-00060-01-P-B04-F	Walter Stauffenberg GmbH & Co. KG	O19050-300.012
=R5-3PG3.1	1	Glycerine pressure gauge, G1/4", 63mm, 0-60bar/psi, with built-in front ring	SPG063-00060-01-P-B04-F	Walter Stauffenberg GmbH & Co. KG	O19050-300.012
=R5-3QM0	1	2/2 Solenoid valve, G1" , 24VDC	M210_ES_24V	Landefeld Druckluft und Hydraulik	PT000000034
=R5-3QM1	1	2/2 way ball valve, G1"	KH10DVGW	Landefeld Druckluft und Hydraulik	O21120-160.004
=R5-4RN2	1	quantity limiter, 2,95L/min., signal transmitter 24V	4365_02185	Groeneveld-BEKA-GmbH	M4043650218001

Single parts list

Device tag	Quantity	Article designation	Type number	Manufacturer	ERP-Number
=R5-4RN3	1	quantity limiter, 2,95L/min., signal transmitter 24V	4365_02185	Groeneveld-BEKA-GmbH	M4043650218001
=R5-5RN1	1	quantity limiter, 1,01L/min.	4365_01110	Groeneveld-BEKA-GmbH	M4043650111001
=R5-5RN2	1	quantity limiter, 1,01L/min.	4365_01110	Groeneveld-BEKA-GmbH	M4043650111001
=R5-5RN2	1	Blende, 0,09mm, 0,66L/min.	F4365_05-00090	Groeneveld-BEKA-GmbH	M40F4365-05005
=R5-5RN3	1	quantity limiter, 1,01L/min.	4365_01110	Groeneveld-BEKA-GmbH	M4043650111001
=R5-5RN5	1	quantity limiter, 6,15L/min.	4365_01265	Groeneveld-BEKA-GmbH	M4043650126001
=R5-5RN6	1	quantity limiter, 0,66L/min.	4365_01090	Groeneveld-BEKA-GmbH	M4043650109001
=R5-5RN8	1	quantity limiter, 22,50L/min., Hall-Sensor 24V	SP_SMB13_2E1_520	SKF Lubrication Systems Germany AG	M40SP-SMB13001
=R5-3XL3.6	1	miniature measuring coupling, 20S	SKK-20-20S-B-K-GS-W3	Walter Stauffenberg GmbH & Co. KG	O19010-100.052
=R5-3XL3.7	1	miniature measuring coupling, 20S	SKK-20-20S-B-K-GS-W3	Walter Stauffenberg GmbH & Co. KG	O19010-100.052
=R5-3XL3.8	1	miniature measuring coupling, 25S	SKK-20-25S-B-K-GS-W3	Walter Stauffenberg GmbH & Co. KG	O19010-100.053
=R5-3XL4	1	miniature measuring coupling, 20S	SKK-20-20S-B-K-GS-W3	Walter Stauffenberg GmbH & Co. KG	O19010-100.052
=R5-3XL7	1	miniature measuring coupling, 25S	SKK-20-25S-B-K-GS-W3	Walter Stauffenberg GmbH & Co. KG	O19010-100.053
=R5-3XL8	1	miniature measuring coupling, 25S	SKK-20-25S-B-K-GS-W3	Walter Stauffenberg GmbH & Co. KG	O19010-100.053
=R5-4XL4	1	locking screw, G1/2"	FI-VS-R1_2-WD-B-W3	Walter Stauffenberg GmbH & Co. KG	V1FI-VS-R1-005
=R5-4XL6	1	Locking coupling IG1/4", 100bar	LP-006-0-WR513-11-1	Walther-Präzision	V0LP-006-0-WR0
=R5-4XL6.1	1	sealing nipple, AG1/4", 100bar	LP-006-2-WR013-11-1	Walther-Präzision	V0LP-006-2-WR2
=R5-4XL7	1	Locking coupling IG1/4", 100bar	LP-006-0-WR513-11-1	Walther-Präzision	V0LP-006-0-WR0
=R5-4XL7.1	1	sealing nipple, AG1/4", 100bar	LP-006-2-WR013-11-1	Walther-Präzision	V0LP-006-2-WR2
=R5-5XL2	1	miniature measuring coupling, 12S	SKK-20-12S-B-K-W3	Walter Stauffenberg GmbH & Co. KG	O19010-100.054
=R5-5XL3	1	miniature measuring coupling, 12S	SKK-20-12S-B-K-W3	Walter Stauffenberg GmbH & Co. KG	O19010-100.054
=R5-5XL5	1	miniature measuring coupling, 12S	SKK-20-12S-B-K-W3	Walter Stauffenberg GmbH & Co. KG	O19010-100.054
=R5-5XL6	1	miniature measuring coupling, 12S	SKK-20-12S-B-K-W3	Walter Stauffenberg GmbH & Co. KG	O19010-100.054
=R5-5XL7.1	1	miniature measuring coupling, G1/2"	SKK20-G1_2-B-C-W3	Walter Stauffenberg GmbH & Co. KG	O19010-100.047
=R5-5XL7.2	1	miniature measuring coupling, 12S	SKK-20-12S-B-K-W3	Walter Stauffenberg GmbH & Co. KG	O19010-100.054
=R5-5XL9	1	miniature measuring coupling, 20S	SKK-20-20S-B-K-GS-W3	Walter Stauffenberg GmbH & Co. KG	O19010-100.052
=R5-5XL9.1	1	miniature measuring coupling, 20S	SKK-20-20S-B-K-GS-W3	Walter Stauffenberg GmbH & Co. KG	O19010-100.052
=R5-3XM3	1	measuring hose, Test20, 630mm, M1/4"	SMS-20-M1_4-P-OR-630-A-C6F	Walter Stauffenberg GmbH & Co. KG	O19010-300.003
=R5-3XM3.1	1	measuring hose, Test20, 630mm, M1/4"	SMS-20-M1_4-P-OR-630-A-C6F	Walter Stauffenberg GmbH & Co. KG	O19010-300.003
=R5-3XM3.2	1	hydraulic hose, 2SC, DKOS 25S	462-12_25S	Parker Hannifin GmbH	S52SC2025S0003
=R5-3XM4.10	1	hydraulic hose, 2SC, DKOS 20S	462-10_20S	Parker Hannifin GmbH	S52SC1620S0003
=R5-3XM4.11	1	hydraulic hose, 2SC, DKOS 20S	462-10_20S	Parker Hannifin GmbH	S52SC1620S0003
=R5-3XM4.12	1	hydraulic hose, 2SC, DKOS 25S	462-12_25S	Parker Hannifin GmbH	S52SC2025S0003
=R5-3XM4.13	1	hydraulic hose, 2SC, DKOS 25S	462-12_25S	Parker Hannifin GmbH	S52SC2025S0003
=R5-3XM4.14	1	hydraulic hose, 2SC, DKOS 25S	462-12_25S	Parker Hannifin GmbH	S52SC2025S0003
=R5-4XM4	1	hydraulic hose, 2SC, DKOS 10S, 1x90°	462-4_10S_1x90	Parker Hannifin GmbH	S52SC0610S0004
=R5-4XM4.1	1	hydraulic hose, 2SC, DKOS 10S, 1x90°	462-4_10S_1x90	Parker Hannifin GmbH	S52SC0610S0004

Single parts list

Device tag	Quantity	Article designation	Type number	Manufacturer	ERP-Number
=R5-4XM5	1	hydraulic hose, 2SC, DKOS 8S	462-4_8S	Parker Hannifin GmbH	S52SC0608S0001
=R5-4XM5.1	1	hydraulic hose, 2SC, DKOS 8S	462-4_8S	Parker Hannifin GmbH	S52SC0608S0001
=R5-5XM2	1	hydraulic hose, 2SC, DKOS 12S, 1x90°	462-6_12S_1x90	Parker Hannifin GmbH	S52SC1012S0004
=R5-5XM3	1	hydraulic hose, 2SC, DKOS 12S, 1x90°	462-6_12S_1x90	Parker Hannifin GmbH	S52SC1012S0004
=R5-5XM4	1	hydraulic hose, 2SC, DKOS 12S, 1x90°	462-6_12S_1x90	Parker Hannifin GmbH	S52SC1012S0004
=R5-5XM5	1	hydraulic hose, 2SC, DKOS 12S, 1x90°	462-6_12S_1x90	Parker Hannifin GmbH	S52SC1012S0004
=R5-5XM7	1	hydraulic hose, 2SC, DKOS 12S	462-6_12S	Parker Hannifin GmbH	S52SC1012S0003

Spare parts list

Type number Order number		Quantity / length	Designation	ERP-Number	class	Manufacturer
SBY11IF0FRKG		1 pieces	Flow sensor, Rp1"	O19020-900.026	R1	ifm electronic GmbH Vertrieb
PN-025-RER14-MFRKG_US_V		1 pieces	Electronic Pressure sensor; 0...25 bar; G 1/4 internal threads; 4...20 mA	OT000000061	R1	ifm electronic GmbH Vertrieb
VM2D.0-L24		1 pieces	Differential pressure - contamination sensor	O06600-000.031	R1	Hydac International GmbH
NT67-XP-MS-2M12-370-2S-KN-KT		1 pieces	Level and temperature sensor	OT000000063	R1	Bühler Technologies GmbH
O_AVI_G11_2		1 pieces	Screw-in radiator, G11/2", 400V, 3ph, 400W	O19040-100.042	R	Helios GmbH
1PLK80-66DE10MB		1 pieces	Double gear pump, 53+44cm³/U., clockwise	O1361PLK80-002	R	Roquet
0240D010ON		1 pieces	filter element pressure filters, BG240, 10µm	O06324-000.002	R	Hydac International GmbH
0007L003P		1 pieces	filter element tank ventilation filter, 3µm	O06300-000.003	R	Hydac International GmbH
KAE2A132S-6B35E3K		1 pieces	Three-phase motor, 3.0KW, 968 rpm, 400V/50Hz	E02003.0010303	R	EMZ Elektro-Maschinen-Zentrale GmbH
M210_ES_24V		1 pieces	2/2 Solenoid valve, G1" , 24VDC	PT000000034	R1	Landefeld Druckluft und Hydraulik
4365_02185		1 pieces	quantity limiter, 2,95L/min., signal transmitter 24V	M4043650218001	R	Groeneveld-BEKA-GmbH
4365_01110		1 pieces	quantity limiter, 1,01L/min.	M4043650111001	R	Groeneveld-BEKA-GmbH
4365_01265		1 pieces	quantity limiter, 6,15L/min.	M4043650126001	R	Groeneveld-BEKA-GmbH
4365_01090		1 pieces	quantity limiter, 0,66L/min.	M4043650109001	R	Groeneveld-BEKA-GmbH
SP_SMB13_2E1_520		1 pieces	quantity limiter, 22,50L/min., Hall-Sensor 24V	M40SP-SMB13001	R	SKF Lubrication Systems Germany AG