
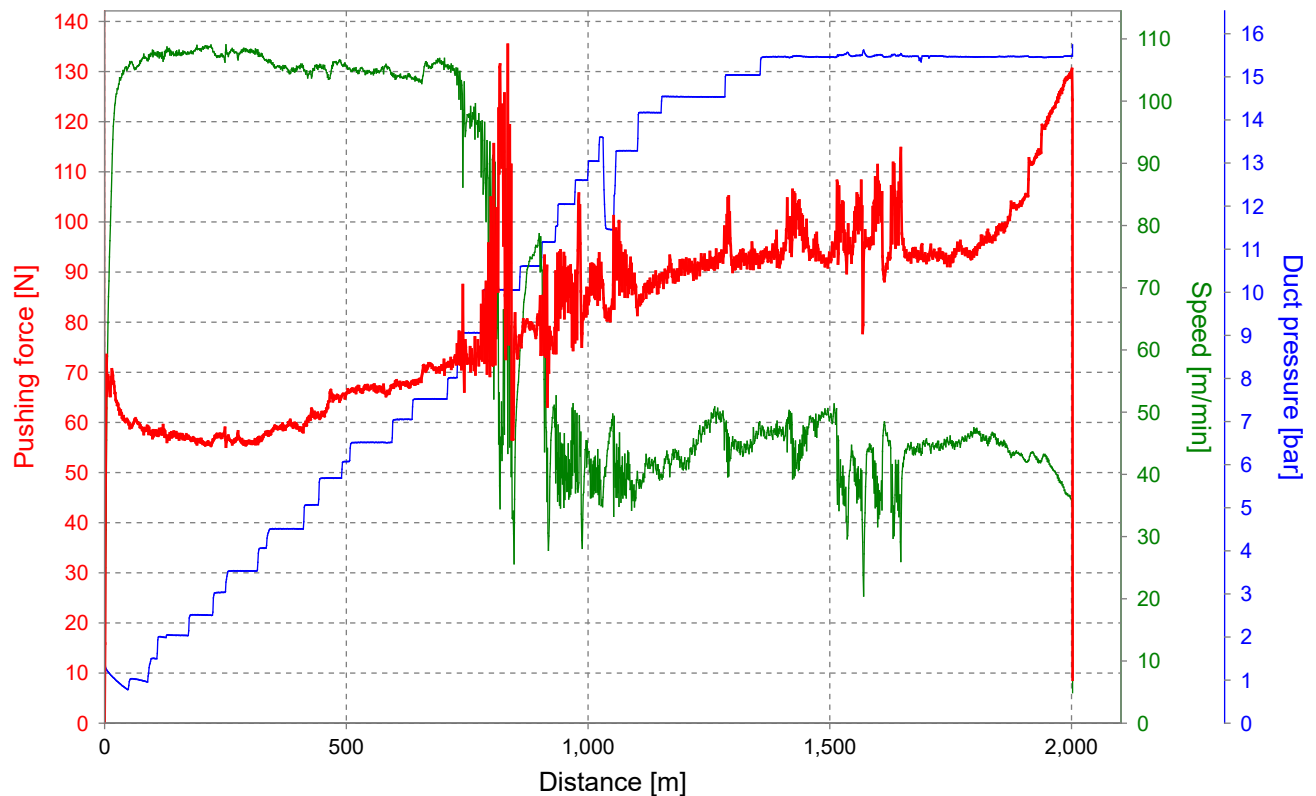


<b>KCEP Kazcentrelectroprovod LLP</b> 1 <A>, Makarenko st. KZ-M22D3A8 Saran, Karaganda region, Kasachstan		<h1>Jetting Report</h1>		
Project-#	Cable Blowing Test - KCEP	Date: 12/16/20		
Trace Section	V02			
Company name	Vetter	Operator: se		
Remarks	Blowing in successful!			
Duct specs		Cable specs		Devices
Manufacturer: Gabocom		Manufacturer: KCEP		Jetting machine: IntelliJet-P02 (SN#138594)
Duct type: 14x2,0 (14/10)		Designation: A-D(ZN)4Y 24x12-G.652.D-200-10102		+ Slipping clutch [ ] + Lubricator [ ]
Duct assy: 2*14x2,0 + 2*10x1,0mm in 50x4.6m on 2000 m		Cable Ø: 7.7 mm      Fiber amount: 288		Lubricant: CableJetting Lube
Color/marks: 2x Orange		Reel Nb.: N/A		Compressor: MK17
Inner design: Grooved		Metering:      Start: 2504 m    End: 510 m		+ Oil separator [ X ] + aftercooler [ ]
Duct temperature: 4 °C		Cable temperature: 20 °C		Cable Tap type: [ X ]
Summary:		Max pushforce: 358 N (Measured by the crashtest)		
Trace distance: 2002.2 m		Weather: 20.6 °C, 34.7 % humidity.		Jetting temperature: 18.4 °C
Jetting duration: 00:35:35		Operating mode: Recording only		GPS Location: 47.6317°; 8.5805°; 427 m

Operation chart



List of highlights (Entire table on the following pages)

Length [m]	Pushing force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
0.0	0.0	0.0	0.0	00:00:00	Start (10:12)
2002.2	8.7	15.7	4.9	00:35:35	Stop (10:47)

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
0.0	0.0	0.0	0.0	00:00:00	Start (10:12)
1.0	15.9	1.4	3.8	00:00:13	
2.0	47.5	1.3	25.0	00:00:15	
3.0	62.9	1.3	31.1	00:00:17	
4.0	73.4	1.2	45.5	00:00:18	
5.0	65.3	1.2	55.5	00:00:20	
6.0	66.8	1.2	59.0	00:00:21	
7.0	69.4	1.2	64.4	00:00:21	
8.0	68.0	1.2	68.6	00:00:22	
9.0	67.3	1.2	71.1	00:00:23	
10.0	67.5	1.2	74.9	00:00:24	
11.0	66.4	1.1	77.6	00:00:25	
12.0	65.3	1.1	80.0	00:00:25	
13.0	69.0	1.1	83.0	00:00:26	
14.0	68.5	1.1	85.5	00:00:27	
15.0	70.6	1.1	88.4	00:00:28	
16.0	70.0	1.1	91.5	00:00:28	
17.0	69.4	1.1	93.8	00:00:29	
18.0	67.8	1.1	96.0	00:00:29	
19.0	68.1	1.0	97.0	00:00:30	
20.0	67.2	1.0	98.0	00:00:31	
21.0	65.9	1.0	99.4	00:00:31	
22.0	65.8	1.0	99.7	00:00:32	
23.0	64.5	1.0	100.7	00:00:33	
24.0	64.2	1.0	101.1	00:00:33	
25.0	64.2	1.0	101.2	00:00:34	
26.0	63.5	1.0	102.0	00:00:34	
27.0	63.8	1.0	101.9	00:00:35	
28.0	63.6	1.0	102.1	00:00:35	
29.0	62.6	0.9	102.7	00:00:36	
30.0	62.7	0.9	102.8	00:00:37	
31.0	61.6	0.9	103.7	00:00:37	
32.0	62.2	0.9	103.5	00:00:38	
33.0	62.4	0.9	103.4	00:00:38	
34.0	61.8	0.9	103.8	00:00:39	
35.0	61.9	0.9	103.8	00:00:39	
36.0	61.0	0.9	104.4	00:00:40	
37.0	61.2	0.9	104.2	00:00:41	
38.0	60.6	0.9	104.9	00:00:41	
39.0	61.2	0.9	104.4	00:00:42	
40.0	60.7	0.8	104.8	00:00:42	
41.0	60.6	0.8	105.0	00:00:43	
42.0	60.2	0.8	105.3	00:00:44	
43.0	60.1	0.8	105.4	00:00:44	
44.0	60.2	0.8	105.4	00:00:45	
45.0	60.2	0.8	105.5	00:00:45	
46.0	60.7	0.8	105.0	00:00:46	
47.0	60.5	0.8	105.1	00:00:46	
48.0	60.4	0.8	105.3	00:00:47	
49.0	60.0	0.8	105.4	00:00:48	
50.0	59.6	0.9	105.8	00:00:48	
51.0	59.9	1.0	105.6	00:00:49	
52.0	58.9	1.0	106.4	00:00:49	
53.0	59.5	1.0	106.0	00:00:50	
54.0	59.1	1.0	106.2	00:00:50	
55.0	59.0	1.0	106.3	00:00:51	
56.0	59.1	1.0	106.3	00:00:52	
57.0	59.3	1.0	106.2	00:00:52	
58.0	59.6	1.0	105.9	00:00:53	
59.0	59.7	1.0	105.8	00:00:53	
60.0	59.9	1.0	105.5	00:00:54	
61.0	60.2	1.0	105.3	00:00:54	
62.0	60.5	1.0	105.1	00:00:55	
63.0	60.5	1.0	105.4	00:00:56	
64.0	60.8	1.0	105.1	00:00:56	
65.0	60.6	1.0	105.2	00:00:57	
66.0	60.3	1.0	105.4	00:00:57	
67.0	60.2	1.0	105.5	00:00:58	
68.0	60.0	1.0	105.7	00:00:58	
69.0	59.8	1.0	105.7	00:00:59	
70.0	59.9	1.0	105.6	00:00:59	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
71.0	59.8	1.0	105.8	00:01:00	
72.0	59.7	1.0	105.8	00:01:01	
73.0	59.1	1.0	106.4	00:01:01	
74.0	59.4	1.0	106.1	00:01:02	
75.0	59.0	1.0	106.6	00:01:02	
76.0	59.0	1.0	106.4	00:01:03	
77.0	58.9	1.0	106.7	00:01:03	
78.0	58.5	1.0	106.9	00:01:04	
79.0	58.4	1.0	106.9	00:01:05	
80.0	58.4	1.0	107.0	00:01:05	
81.0	57.7	1.0	107.5	00:01:06	
82.0	58.9	1.0	106.9	00:01:06	
83.0	58.3	1.0	107.1	00:01:07	
84.0	58.5	1.0	107.0	00:01:07	
85.0	58.6	1.0	106.9	00:01:08	
86.0	58.4	1.0	106.9	00:01:08	
87.0	58.9	1.0	106.8	00:01:09	
88.0	59.3	1.0	106.5	00:01:10	
89.0	58.7	1.0	106.8	00:01:10	
90.0	59.1	1.1	106.5	00:01:11	
91.0	57.7	1.2	107.4	00:01:11	
92.0	58.9	1.3	106.8	00:01:12	
93.0	57.9	1.4	107.4	00:01:12	
94.0	57.9	1.4	107.5	00:01:13	
95.0	58.2	1.4	107.2	00:01:14	
96.0	57.6	1.5	107.7	00:01:14	
97.0	57.7	1.5	107.6	00:01:15	
98.0	57.8	1.5	107.5	00:01:15	
99.0	56.9	1.5	108.2	00:01:16	
100.0	58.4	1.5	107.1	00:01:16	
101.0	57.3	1.5	108.1	00:01:17	
102.0	58.0	1.5	107.5	00:01:17	
103.0	57.8	1.5	107.6	00:01:18	
104.0	57.5	1.5	107.8	00:01:19	
105.0	58.4	1.5	107.4	00:01:19	
106.0	57.9	1.5	107.6	00:01:20	
107.0	57.9	1.5	107.7	00:01:20	
108.0	58.3	1.5	107.3	00:01:21	
109.0	57.4	1.6	107.9	00:01:21	
110.0	58.3	1.9	107.2	00:01:22	
111.0	57.4	2.0	107.9	00:01:22	
112.0	57.7	2.0	107.8	00:01:23	
113.0	58.7	2.0	107.0	00:01:24	
114.0	57.7	2.0	107.8	00:01:24	
115.0	58.3	2.0	107.2	00:01:25	
116.0	58.1	2.0	107.3	00:01:25	
117.0	57.9	2.0	107.7	00:01:26	
118.0	58.7	2.0	106.9	00:01:26	
119.0	57.6	2.0	107.8	00:01:27	
120.0	58.5	2.0	107.1	00:01:27	
121.0	59.5	2.0	106.4	00:01:28	
122.0	58.4	2.0	107.1	00:01:29	
123.0	58.6	2.0	106.8	00:01:29	
124.0	57.2	2.0	108.0	00:01:30	
125.0	58.2	2.0	107.3	00:01:30	
126.0	57.1	2.0	108.2	00:01:31	
127.0	57.4	2.0	107.8	00:01:31	
128.0	57.3	2.0	107.9	00:01:32	
129.0	56.1	2.0	108.7	00:01:32	
130.0	57.2	2.0	108.0	00:01:33	
131.0	56.7	2.0	108.4	00:01:34	
132.0	56.8	2.1	108.3	00:01:34	
133.0	57.4	2.0	108.0	00:01:35	
134.0	56.6	2.0	108.5	00:01:35	
135.0	57.8	2.0	107.4	00:01:36	
136.0	57.1	2.0	108.2	00:01:36	
137.0	57.2	2.0	108.0	00:01:37	
138.0	58.0	2.0	107.4	00:01:37	
139.0	57.1	2.0	107.9	00:01:38	
140.0	57.5	2.0	107.6	00:01:39	
141.0	57.4	2.0	107.6	00:01:39	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
142.0	57.3	2.0	107.9	00:01:40	
143.0	58.2	2.0	107.3	00:01:40	
144.0	57.7	2.0	107.5	00:01:41	
145.0	57.7	2.0	107.4	00:01:41	
146.0	57.9	2.0	107.4	00:01:42	
147.0	57.3	2.0	107.9	00:01:43	
148.0	58.0	2.0	107.3	00:01:43	
149.0	57.0	2.0	108.1	00:01:44	
150.0	57.7	2.0	107.4	00:01:44	
151.0	57.5	2.0	107.7	00:01:45	
152.0	57.2	2.0	107.8	00:01:45	
153.0	57.7	2.0	107.5	00:01:46	
154.0	56.6	2.0	108.2	00:01:46	
155.0	57.6	2.0	107.5	00:01:47	
156.0	57.6	2.0	107.4	00:01:48	
157.0	57.3	2.0	107.7	00:01:48	
158.0	57.7	2.0	107.3	00:01:49	
159.0	56.9	2.0	107.8	00:01:49	
160.0	57.5	2.0	107.5	00:01:50	
161.0	57.6	2.0	107.5	00:01:50	
162.0	56.7	2.0	108.0	00:01:51	
163.0	57.2	2.0	107.6	00:01:51	
164.0	57.1	2.0	107.8	00:01:52	
165.0	56.8	2.0	107.9	00:01:53	
166.0	56.6	2.0	107.8	00:01:53	
167.0	57.0	2.0	107.8	00:01:54	
168.0	57.3	2.0	107.7	00:01:54	
169.0	57.6	2.0	107.5	00:01:55	
170.0	57.3	2.0	107.5	00:01:55	
171.0	56.8	2.0	107.8	00:01:56	
172.0	56.8	2.0	107.9	00:01:56	
173.0	57.3	2.0	107.6	00:01:57	
174.0	56.9	2.1	107.8	00:01:58	
175.0	57.1	2.4	107.6	00:01:58	
176.0	56.9	2.5	107.7	00:01:59	
177.0	56.7	2.5	107.9	00:01:59	
178.0	56.7	2.5	107.8	00:02:00	
179.0	56.4	2.5	108.1	00:02:00	
180.0	56.7	2.5	107.7	00:02:01	
181.0	56.7	2.5	107.8	00:02:01	
182.0	56.4	2.5	107.9	00:02:02	
183.0	57.0	2.5	107.6	00:02:03	
184.0	56.7	2.5	108.0	00:02:03	
185.0	56.8	2.5	108.1	00:02:04	
186.0	56.4	2.5	108.1	00:02:04	
187.0	56.7	2.5	108.1	00:02:05	
188.0	56.2	2.5	108.3	00:02:05	
189.0	56.0	2.5	108.5	00:02:06	
190.0	56.3	2.5	108.3	00:02:06	
191.0	55.7	2.5	109.0	00:02:07	
192.0	56.6	2.5	108.3	00:02:08	
193.0	56.4	2.5	108.4	00:02:08	
194.0	56.1	2.5	108.4	00:02:09	
195.0	56.2	2.5	108.4	00:02:09	
196.0	56.3	2.5	108.4	00:02:10	
197.0	56.7	2.5	108.2	00:02:10	
198.0	56.1	2.5	108.4	00:02:11	
199.0	56.0	2.5	108.3	00:02:11	
200.0	56.7	2.5	108.0	00:02:12	
201.0	56.2	2.5	108.5	00:02:13	
202.0	56.2	2.5	108.5	00:02:13	
203.0	55.7	2.5	108.7	00:02:14	
204.0	56.1	2.5	108.3	00:02:14	
205.0	55.9	2.5	108.6	00:02:15	
206.0	55.6	2.5	108.7	00:02:15	
207.0	55.8	2.5	108.5	00:02:16	
208.0	55.5	2.5	108.9	00:02:16	
209.0	55.5	2.5	108.8	00:02:17	
210.0	55.6	2.5	108.9	00:02:18	
211.0	55.9	2.5	108.6	00:02:18	
212.0	56.0	2.5	108.6	00:02:19	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
213.0	55.6	2.5	108.8	00:02:19	
214.0	56.2	2.5	108.4	00:02:20	
215.0	55.7	2.5	108.7	00:02:20	
216.0	55.7	2.5	108.7	00:02:21	
217.0	55.8	2.5	108.8	00:02:21	
218.0	55.7	2.5	108.8	00:02:22	
219.0	55.9	2.5	108.7	00:02:22	
220.0	55.3	2.5	109.0	00:02:23	
221.0	55.6	2.5	108.7	00:02:24	
222.0	55.9	2.5	108.5	00:02:24	
223.0	56.1	2.5	108.5	00:02:25	
224.0	56.6	2.6	107.9	00:02:25	
225.0	56.4	2.9	108.0	00:02:26	
226.0	56.6	3.0	108.0	00:02:26	
227.0	56.9	3.0	107.7	00:02:27	
228.0	57.3	3.0	107.4	00:02:27	
229.0	57.0	3.0	107.6	00:02:28	
230.0	57.4	3.0	107.3	00:02:29	
231.0	57.5	3.0	107.3	00:02:29	
232.0	57.7	3.0	107.0	00:02:30	
233.0	57.1	3.0	107.3	00:02:30	
234.0	57.6	3.0	107.1	00:02:31	
235.0	57.3	3.0	107.3	00:02:31	
236.0	57.6	3.0	107.1	00:02:32	
237.0	57.3	3.0	107.2	00:02:33	
238.0	57.7	3.0	107.1	00:02:33	
239.0	57.5	3.0	107.3	00:02:34	
240.0	57.6	3.0	107.2	00:02:34	
241.0	56.9	3.0	107.6	00:02:35	
242.0	57.4	3.0	107.3	00:02:35	
243.0	57.0	3.0	107.6	00:02:36	
244.0	57.7	3.0	107.1	00:02:37	
245.0	57.4	3.0	107.3	00:02:37	
246.0	57.5	3.0	107.3	00:02:38	
247.0	57.8	3.0	107.1	00:02:38	
248.0	58.1	3.0	106.7	00:02:39	
249.0	58.9	3.0	106.3	00:02:39	
250.0	56.6	3.1	107.8	00:02:40	
251.0	55.2	3.3	109.0	00:02:40	
252.0	56.2	3.3	108.2	00:02:41	
253.0	56.8	3.4	107.6	00:02:42	
254.0	57.1	3.5	107.5	00:02:42	
255.0	56.6	3.5	107.7	00:02:43	
256.0	57.4	3.5	107.2	00:02:43	
257.0	57.0	3.5	107.6	00:02:44	
258.0	56.6	3.5	107.7	00:02:44	
259.0	56.5	3.5	107.9	00:02:45	
260.0	56.4	3.5	107.8	00:02:45	
261.0	56.3	3.5	108.1	00:02:46	
262.0	56.2	3.5	108.3	00:02:47	
263.0	56.2	3.5	108.2	00:02:47	
264.0	55.7	3.5	108.5	00:02:48	
265.0	56.2	3.5	108.1	00:02:48	
266.0	56.3	3.5	108.0	00:02:49	
267.0	56.0	3.5	108.2	00:02:49	
268.0	56.5	3.5	107.8	00:02:50	
269.0	56.6	3.5	107.8	00:02:50	
270.0	56.2	3.5	107.9	00:02:51	
271.0	56.3	3.5	107.8	00:02:52	
272.0	56.8	3.5	107.8	00:02:52	
273.0	56.6	3.5	107.8	00:02:53	
274.0	56.8	3.5	107.6	00:02:53	
275.0	57.7	3.5	107.0	00:02:54	
276.0	58.2	3.5	106.6	00:02:54	
277.0	57.2	3.5	107.3	00:02:55	
278.0	56.7	3.5	107.7	00:02:55	
279.0	56.9	3.5	107.6	00:02:56	
280.0	56.7	3.5	107.7	00:02:57	
281.0	56.3	3.5	107.9	00:02:57	
282.0	56.3	3.5	107.8	00:02:58	
283.0	56.1	3.5	108.2	00:02:58	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
284.0	56.7	3.5	107.8	00:02:59	
285.0	56.0	3.5	108.2	00:02:59	
286.0	55.7	3.5	108.3	00:03:00	
287.0	56.3	3.5	108.0	00:03:00	
288.0	55.6	3.5	108.5	00:03:01	
289.0	55.8	3.5	108.3	00:03:02	
290.0	55.6	3.5	108.3	00:03:02	
291.0	56.2	3.5	108.0	00:03:03	
292.0	55.5	3.5	108.4	00:03:03	
293.0	55.8	3.5	108.2	00:03:04	
294.0	55.7	3.5	108.3	00:03:04	
295.0	56.2	3.5	108.0	00:03:05	
296.0	55.9	3.5	108.2	00:03:05	
297.0	56.2	3.5	108.1	00:03:06	
298.0	56.3	3.5	107.9	00:03:07	
299.0	56.3	3.5	107.9	00:03:07	
300.0	56.0	3.5	108.2	00:03:08	
301.0	56.2	3.5	107.8	00:03:08	
302.0	55.8	3.5	108.3	00:03:09	
303.0	56.2	3.5	108.0	00:03:09	
304.0	55.8	3.5	108.3	00:03:10	
305.0	56.2	3.5	107.9	00:03:10	
306.0	56.1	3.5	108.0	00:03:11	
307.0	55.8	3.5	108.1	00:03:12	
308.0	56.2	3.5	107.7	00:03:12	
309.0	56.0	3.5	108.0	00:03:13	
310.0	56.2	3.5	107.9	00:03:13	
311.0	56.6	3.5	107.6	00:03:14	
312.0	55.7	3.5	108.4	00:03:14	
313.0	56.6	3.5	107.7	00:03:15	
314.0	56.0	3.5	108.1	00:03:15	
315.0	56.0	3.5	108.2	00:03:16	
316.0	56.8	3.6	107.6	00:03:17	
317.0	55.7	3.7	108.2	00:03:17	
318.0	57.0	3.9	107.2	00:03:18	
319.0	56.1	4.0	107.8	00:03:18	
320.0	57.1	4.1	107.2	00:03:19	
321.0	56.6	4.1	107.5	00:03:19	
322.0	56.9	4.1	107.3	00:03:20	
323.0	56.6	4.1	107.3	00:03:20	
324.0	56.4	4.1	107.7	00:03:21	
325.0	56.7	4.1	107.3	00:03:22	
326.0	56.7	4.1	107.6	00:03:22	
327.0	57.3	4.1	107.1	00:03:23	
328.0	57.1	4.1	107.2	00:03:23	
329.0	57.4	4.1	106.9	00:03:24	
330.0	57.6	4.1	106.8	00:03:24	
331.0	57.6	4.1	106.6	00:03:25	
332.0	57.7	4.1	106.6	00:03:26	
333.0	58.1	4.1	106.6	00:03:26	
334.0	57.9	4.1	106.7	00:03:27	
335.0	58.1	4.1	106.4	00:03:27	
336.0	57.9	4.3	106.4	00:03:28	
337.0	57.6	4.4	106.5	00:03:28	
338.0	58.2	4.4	106.2	00:03:29	
339.0	57.4	4.4	106.7	00:03:29	
340.0	58.0	4.5	106.4	00:03:30	
341.0	58.1	4.5	106.3	00:03:31	
342.0	57.6	4.5	106.7	00:03:31	
343.0	58.1	4.5	106.2	00:03:32	
344.0	57.7	4.5	106.5	00:03:32	
345.0	58.2	4.5	106.1	00:03:33	
346.0	58.4	4.5	106.0	00:03:33	
347.0	58.5	4.5	106.0	00:03:34	
348.0	58.3	4.5	106.2	00:03:35	
349.0	58.7	4.5	105.7	00:03:35	
350.0	58.9	4.5	105.5	00:03:36	
351.0	58.8	4.5	105.8	00:03:36	
352.0	59.3	4.5	105.3	00:03:37	
353.0	59.2	4.5	105.4	00:03:37	
354.0	59.2	4.5	105.5	00:03:38	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
355.0	59.2	4.5	105.4	00:03:39	
356.0	58.9	4.5	105.5	00:03:39	
357.0	58.9	4.5	105.6	00:03:40	
358.0	58.7	4.5	105.7	00:03:40	
359.0	58.9	4.5	105.6	00:03:41	
360.0	58.8	4.5	105.6	00:03:41	
361.0	59.0	4.5	105.4	00:03:42	
362.0	58.8	4.5	105.6	00:03:43	
363.0	58.9	4.5	105.4	00:03:43	
364.0	59.3	4.5	105.2	00:03:44	
365.0	58.8	4.5	105.5	00:03:44	
366.0	59.4	4.5	105.3	00:03:45	
367.0	59.5	4.5	105.3	00:03:45	
368.0	59.8	4.5	104.9	00:03:46	
369.0	58.5	4.5	105.7	00:03:47	
370.0	59.2	4.5	105.3	00:03:47	
371.0	59.3	4.5	105.3	00:03:48	
372.0	58.7	4.5	105.7	00:03:48	
373.0	59.2	4.5	105.4	00:03:49	
374.0	58.6	4.5	105.7	00:03:49	
375.0	59.0	4.5	105.5	00:03:50	
376.0	59.2	4.5	105.4	00:03:50	
377.0	59.3	4.5	105.2	00:03:51	
378.0	59.4	4.5	105.2	00:03:52	
379.0	59.4	4.5	105.1	00:03:52	
380.0	60.0	4.5	104.6	00:03:53	
381.0	59.5	4.5	104.9	00:03:53	
382.0	60.1	4.5	104.4	00:03:54	
383.0	59.9	4.5	104.7	00:03:54	
384.0	60.5	4.5	104.4	00:03:55	
385.0	60.1	4.5	104.6	00:03:56	
386.0	59.7	4.5	105.0	00:03:56	
387.0	59.3	4.5	105.3	00:03:57	
388.0	59.4	4.5	105.1	00:03:57	
389.0	59.7	4.5	104.8	00:03:58	
390.0	59.0	4.5	105.3	00:03:58	
391.0	59.4	4.5	104.8	00:03:59	
392.0	59.5	4.5	105.0	00:04:00	
393.0	59.9	4.5	104.7	00:04:00	
394.0	59.2	4.5	105.2	00:04:01	
395.0	59.8	4.5	104.8	00:04:01	
396.0	59.8	4.5	104.8	00:04:02	
397.0	58.9	4.5	105.6	00:04:02	
398.0	59.5	4.5	105.0	00:04:03	
399.0	58.9	4.5	105.5	00:04:04	
400.0	58.9	4.5	105.4	00:04:04	
401.0	59.0	4.5	105.5	00:04:05	
402.0	58.7	4.5	105.5	00:04:05	
403.0	58.4	4.5	105.7	00:04:06	
404.0	58.9	4.5	105.2	00:04:06	
405.0	58.7	4.5	105.6	00:04:07	
406.0	58.5	4.5	105.9	00:04:08	
407.0	58.9	4.5	105.5	00:04:08	
408.0	58.5	4.5	105.7	00:04:09	
409.0	58.2	4.5	105.9	00:04:09	
410.0	58.9	4.5	105.4	00:04:10	
411.0	58.1	4.5	105.7	00:04:11	
412.0	59.5	4.7	104.9	00:04:11	
413.0	59.3	5.0	105.0	00:04:12	
414.0	59.7	5.0	105.0	00:04:12	
415.0	59.6	5.1	104.8	00:04:13	
416.0	60.1	5.1	104.3	00:04:13	
417.0	59.5	5.1	104.8	00:04:14	
418.0	59.4	5.1	104.9	00:04:15	
419.0	60.6	5.1	104.3	00:04:15	
420.0	60.8	5.1	103.7	00:04:16	
421.0	60.2	5.1	104.1	00:04:16	
422.0	60.9	5.1	104.3	00:04:17	
423.0	61.2	5.1	104.4	00:04:17	
424.0	61.1	5.1	104.7	00:04:18	
425.0	60.7	5.1	104.8	00:04:19	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
426.0	60.6	5.1	104.8	00:04:19	
427.0	61.7	5.1	104.3	00:04:20	
428.0	62.7	5.1	103.7	00:04:20	
429.0	62.5	5.1	104.0	00:04:21	
430.0	61.9	5.1	104.7	00:04:21	
431.0	61.2	5.1	105.2	00:04:22	
432.0	61.9	5.1	105.0	00:04:23	
433.0	61.5	5.1	105.2	00:04:23	
434.0	62.1	5.1	105.0	00:04:24	
435.0	60.9	5.1	105.7	00:04:24	
436.0	61.1	5.1	105.6	00:04:25	
437.0	61.1	5.1	105.7	00:04:25	
438.0	61.1	5.1	105.8	00:04:26	
439.0	61.7	5.1	105.3	00:04:27	
440.0	61.2	5.1	105.7	00:04:27	
441.0	61.9	5.1	105.1	00:04:28	
442.0	61.6	5.1	105.4	00:04:28	
443.0	61.1	5.2	105.7	00:04:29	
444.0	61.4	5.6	105.4	00:04:29	
445.0	60.7	5.7	105.9	00:04:30	
446.0	61.4	5.7	105.4	00:04:31	
447.0	61.0	5.7	105.8	00:04:31	
448.0	61.5	5.7	105.5	00:04:32	
449.0	62.0	5.7	105.3	00:04:32	
450.0	61.7	5.7	105.4	00:04:33	
451.0	62.0	5.7	105.3	00:04:33	
452.0	61.4	5.7	105.8	00:04:34	
453.0	61.9	5.7	105.2	00:04:34	
454.0	61.4	5.7	105.5	00:04:35	
455.0	61.3	5.7	105.7	00:04:36	
456.0	62.2	5.7	105.1	00:04:36	
457.0	62.2	5.7	105.0	00:04:37	
458.0	62.1	5.7	105.0	00:04:37	
459.0	62.8	5.7	104.6	00:04:38	
460.0	62.7	5.7	104.6	00:04:38	
461.0	63.5	5.7	103.8	00:04:39	
462.0	63.0	5.7	104.2	00:04:40	
463.0	64.1	5.7	103.5	00:04:40	
464.0	64.2	5.7	103.5	00:04:41	
465.0	64.3	5.7	103.7	00:04:41	
466.0	65.9	5.7	103.7	00:04:42	
467.0	66.3	5.7	104.2	00:04:43	
468.0	66.5	5.7	104.5	00:04:43	
469.0	65.9	5.7	104.9	00:04:44	
470.0	64.9	5.7	105.7	00:04:44	
471.0	65.5	5.7	105.3	00:04:45	
472.0	64.2	5.7	106.3	00:04:45	
473.0	65.3	5.7	105.7	00:04:46	
474.0	64.6	5.7	106.3	00:04:46	
475.0	64.9	5.7	106.3	00:04:47	
476.0	65.3	5.7	106.3	00:04:48	
477.0	65.0	5.7	106.3	00:04:48	
478.0	64.8	5.7	106.2	00:04:49	
479.0	64.8	5.7	106.3	00:04:49	
480.0	65.1	5.7	106.1	00:04:50	
481.0	65.4	5.7	105.9	00:04:50	
482.0	65.4	5.7	106.1	00:04:51	
483.0	65.3	5.7	106.2	00:04:52	
484.0	65.0	5.7	106.3	00:04:52	
485.0	64.7	5.7	106.5	00:04:53	
486.0	64.2	5.7	106.6	00:04:53	
487.0	64.6	5.7	106.4	00:04:54	
488.0	64.6	5.7	106.5	00:04:54	
489.0	64.9	5.7	106.2	00:04:55	
490.0	65.3	5.7	106.0	00:04:56	
491.0	65.3	5.9	105.8	00:04:56	
492.0	65.5	6.0	105.7	00:04:57	
493.0	65.6	6.1	105.6	00:04:57	
494.0	65.7	6.1	105.8	00:04:58	
495.0	65.6	6.1	105.9	00:04:58	
496.0	65.7	6.1	105.7	00:04:59	



Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
497.0	64.8	6.1	106.1	00:04:59	
498.0	65.1	6.1	105.9	00:05:00	
499.0	65.5	6.1	105.7	00:05:01	
500.0	65.8	6.1	105.6	00:05:01	
501.0	66.0	6.1	105.4	00:05:02	
502.0	66.0	6.1	105.6	00:05:02	
503.0	66.6	6.1	105.1	00:05:03	
504.0	66.2	6.1	105.2	00:05:04	
505.0	66.0	6.1	105.3	00:05:04	
506.0	66.3	6.1	105.3	00:05:05	
507.0	66.1	6.1	105.3	00:05:05	
508.0	66.2	6.4	105.1	00:05:06	
509.0	66.3	6.5	105.0	00:05:06	
510.0	66.6	6.5	104.8	00:05:07	
511.0	66.4	6.5	104.9	00:05:08	
512.0	66.7	6.5	104.8	00:05:08	
513.0	66.4	6.5	105.2	00:05:09	
514.0	66.6	6.5	105.1	00:05:09	
515.0	66.7	6.5	105.0	00:05:10	
516.0	66.2	6.5	105.3	00:05:10	
517.0	66.2	6.5	105.2	00:05:11	
518.0	66.4	6.5	105.0	00:05:12	
519.0	66.5	6.5	104.9	00:05:12	
520.0	65.9	6.5	105.4	00:05:13	
521.0	66.9	6.5	104.7	00:05:13	
522.0	66.5	6.5	104.8	00:05:14	
523.0	66.7	6.5	104.9	00:05:14	
524.0	67.2	6.5	104.4	00:05:15	
525.0	66.5	6.5	104.9	00:05:16	
526.0	67.2	6.5	104.5	00:05:16	
527.0	66.6	6.5	104.9	00:05:17	
528.0	66.4	6.5	104.9	00:05:17	
529.0	66.2	6.5	105.3	00:05:18	
530.0	66.6	6.5	105.3	00:05:18	
531.0	66.2	6.5	105.4	00:05:19	
532.0	66.0	6.5	105.4	00:05:20	
533.0	66.2	6.5	105.2	00:05:20	
534.0	66.0	6.5	105.2	00:05:21	
535.0	66.7	6.5	104.9	00:05:21	
536.0	66.5	6.5	104.8	00:05:22	
537.0	67.1	6.5	104.8	00:05:22	
538.0	66.9	6.5	104.9	00:05:23	
539.0	67.4	6.5	104.3	00:05:24	
540.0	66.8	6.5	104.6	00:05:24	
541.0	66.7	6.5	104.7	00:05:25	
542.0	67.4	6.5	104.4	00:05:25	
543.0	67.1	6.5	104.9	00:05:26	
544.0	67.4	6.5	104.5	00:05:26	
545.0	66.7	6.5	104.8	00:05:27	
546.0	66.6	6.5	104.7	00:05:28	
547.0	66.5	6.5	104.9	00:05:28	
548.0	66.8	6.5	104.7	00:05:29	
549.0	66.9	6.5	104.6	00:05:29	
550.0	66.8	6.5	104.7	00:05:30	
551.0	67.3	6.5	104.4	00:05:30	
552.0	66.9	6.5	104.5	00:05:31	
553.0	67.0	6.5	104.5	00:05:32	
554.0	67.2	6.5	104.5	00:05:32	
555.0	66.9	6.5	104.6	00:05:33	
556.0	67.4	6.5	104.2	00:05:33	
557.0	66.5	6.5	105.1	00:05:34	
558.0	67.5	6.5	104.5	00:05:34	
559.0	66.9	6.5	104.8	00:05:35	
560.0	66.2	6.5	105.1	00:05:36	
561.0	66.3	6.5	105.1	00:05:36	
562.0	67.1	6.5	104.5	00:05:37	
563.0	66.1	6.5	105.2	00:05:37	
564.0	66.8	6.5	104.6	00:05:38	
565.0	66.9	6.5	104.6	00:05:38	
566.0	66.2	6.5	104.9	00:05:39	
567.0	66.7	6.5	104.8	00:05:40	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
568.0	67.1	6.5	104.6	00:05:40	
569.0	66.9	6.5	104.8	00:05:41	
570.0	67.1	6.5	104.8	00:05:41	
571.0	67.0	6.5	104.8	00:05:42	
572.0	66.5	6.5	105.0	00:05:42	
573.0	66.2	6.5	105.4	00:05:43	
574.0	66.3	6.5	105.2	00:05:44	
575.0	66.1	6.5	105.5	00:05:44	
576.0	66.3	6.5	105.2	00:05:45	
577.0	67.5	6.5	104.4	00:05:45	
578.0	66.4	6.5	105.3	00:05:46	
579.0	65.9	6.5	105.6	00:05:46	
580.0	65.8	6.5	105.6	00:05:47	
581.0	65.8	6.5	105.6	00:05:48	
582.0	65.3	6.5	105.9	00:05:48	
583.0	66.0	6.5	105.4	00:05:49	
584.0	65.6	6.5	105.6	00:05:49	
585.0	66.3	6.5	105.2	00:05:50	
586.0	65.8	6.5	105.5	00:05:50	
587.0	65.9	6.5	105.4	00:05:51	
588.0	65.8	6.5	105.4	00:05:52	
589.0	65.8	6.5	105.4	00:05:52	
590.0	66.5	6.5	105.0	00:05:53	
591.0	66.5	6.5	104.9	00:05:53	
592.0	67.2	6.5	104.4	00:05:54	
593.0	67.0	6.5	104.6	00:05:54	
594.0	67.4	6.5	104.1	00:05:55	
595.0	67.0	6.6	104.5	00:05:56	
596.0	67.4	7.0	104.0	00:05:56	
597.0	67.5	7.0	104.1	00:05:57	
598.0	66.9	7.0	104.4	00:05:57	
599.0	67.6	7.0	103.8	00:05:58	
600.0	67.3	7.0	104.1	00:05:58	
601.0	68.1	7.0	103.5	00:05:59	
602.0	67.3	7.0	104.2	00:06:00	
603.0	68.3	7.0	103.6	00:06:00	
604.0	68.4	7.0	103.8	00:06:01	
605.0	67.7	7.0	104.1	00:06:01	
606.0	68.0	7.1	104.0	00:06:02	
607.0	67.7	7.0	104.1	00:06:03	
608.0	67.4	7.0	104.1	00:06:03	
609.0	67.6	7.1	104.0	00:06:04	
610.0	67.3	7.0	104.2	00:06:04	
611.0	68.1	7.1	103.8	00:06:05	
612.0	66.8	7.1	104.3	00:06:05	
613.0	67.6	7.1	103.8	00:06:06	
614.0	67.7	7.1	103.9	00:06:07	
615.0	67.7	7.0	103.9	00:06:07	
616.0	67.8	7.1	103.7	00:06:08	
617.0	67.7	7.1	103.7	00:06:08	
618.0	68.0	7.0	103.7	00:06:09	
619.0	67.6	7.0	104.0	00:06:09	
620.0	67.8	7.1	103.8	00:06:10	
621.0	67.9	7.1	103.8	00:06:11	
622.0	67.4	7.1	104.1	00:06:11	
623.0	67.6	7.1	103.9	00:06:12	
624.0	67.5	7.1	103.8	00:06:12	
625.0	68.1	7.1	103.6	00:06:13	
626.0	67.4	7.0	104.1	00:06:13	
627.0	68.0	7.1	103.9	00:06:14	
628.0	67.2	7.1	104.4	00:06:15	
629.0	67.7	7.1	104.0	00:06:15	
630.0	67.0	7.1	104.4	00:06:16	
631.0	67.6	7.0	103.9	00:06:16	
632.0	67.1	7.0	104.2	00:06:17	
633.0	67.5	7.0	103.9	00:06:18	
634.0	67.8	7.0	103.8	00:06:18	
635.0	68.1	7.0	103.6	00:06:19	
636.0	67.9	7.1	103.8	00:06:19	
637.0	67.8	7.3	103.7	00:06:20	
638.0	68.3	7.5	103.6	00:06:20	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
639.0	67.8	7.5	103.6	00:06:21	
640.0	68.0	7.5	103.5	00:06:22	
641.0	67.6	7.5	103.8	00:06:22	
642.0	68.4	7.5	103.3	00:06:23	
643.0	67.6	7.5	104.0	00:06:23	
644.0	68.4	7.5	103.3	00:06:24	
645.0	68.2	7.5	103.7	00:06:24	
646.0	68.3	7.5	103.4	00:06:25	
647.0	68.3	7.5	103.3	00:06:26	
648.0	67.8	7.5	103.6	00:06:26	
649.0	68.4	7.5	103.3	00:06:27	
650.0	68.6	7.5	103.1	00:06:27	
651.0	68.2	7.5	103.5	00:06:28	
652.0	68.7	7.5	103.3	00:06:29	
653.0	68.5	7.5	103.2	00:06:29	
654.0	68.7	7.5	103.1	00:06:30	
655.0	68.1	7.5	103.4	00:06:30	
656.0	69.1	7.5	102.8	00:06:31	
657.0	69.7	7.5	103.3	00:06:31	
658.0	70.3	7.5	104.0	00:06:32	
659.0	71.3	7.5	104.2	00:06:33	
660.0	71.4	7.5	104.8	00:06:33	
661.0	71.0	7.5	105.5	00:06:34	
662.0	70.9	7.5	105.7	00:06:34	
663.0	70.6	7.5	106.0	00:06:35	
664.0	70.2	7.5	106.3	00:06:35	
665.0	70.3	7.5	106.3	00:06:36	
666.0	71.3	7.5	105.6	00:06:37	
667.0	70.7	7.5	106.1	00:06:37	
668.0	70.9	7.5	105.9	00:06:38	
669.0	71.1	7.5	105.7	00:06:38	
670.0	71.8	7.5	105.3	00:06:39	
671.0	71.5	7.5	105.6	00:06:39	
672.0	71.5	7.5	105.4	00:06:40	
673.0	71.7	7.5	105.4	00:06:41	
674.0	71.4	7.5	105.5	00:06:41	
675.0	71.6	7.5	105.3	00:06:42	
676.0	71.5	7.5	105.3	00:06:42	
677.0	70.9	7.5	105.9	00:06:43	
678.0	71.3	7.5	105.4	00:06:43	
679.0	71.0	7.5	106.0	00:06:44	
680.0	70.9	7.5	106.0	00:06:45	
681.0	70.6	7.5	106.1	00:06:45	
682.0	70.7	7.5	106.1	00:06:46	
683.0	70.7	7.5	106.1	00:06:46	
684.0	70.7	7.5	106.0	00:06:47	
685.0	70.9	7.5	106.1	00:06:47	
686.0	70.0	7.5	106.5	00:06:48	
687.0	70.6	7.5	106.3	00:06:49	
688.0	70.6	7.5	106.2	00:06:49	
689.0	70.2	7.5	106.8	00:06:50	
690.0	70.8	7.5	106.4	00:06:50	
691.0	70.2	7.5	106.7	00:06:51	
692.0	71.0	7.5	106.3	00:06:51	
693.0	70.0	7.5	106.9	00:06:52	
694.0	70.7	7.5	106.1	00:06:52	
695.0	70.9	7.5	106.2	00:06:53	
696.0	70.6	7.5	106.5	00:06:54	
697.0	71.4	7.5	105.9	00:06:54	
698.0	71.1	7.5	106.0	00:06:55	
699.0	70.6	7.5	106.3	00:06:55	
700.0	70.7	7.5	106.1	00:06:56	
701.0	70.6	7.5	106.3	00:06:56	
702.0	72.5	7.5	105.1	00:06:57	
703.0	69.6	7.5	106.9	00:06:58	
704.0	71.7	7.5	105.5	00:06:58	
705.0	71.3	7.5	105.7	00:06:59	
706.0	71.1	7.5	105.8	00:06:59	
707.0	71.4	7.5	105.6	00:07:00	
708.0	71.5	7.5	105.6	00:07:00	
709.0	71.8	7.6	105.4	00:07:01	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
710.0	71.2	8.0	105.9	00:07:02	
711.0	72.0	8.0	105.2	00:07:02	
712.0	71.3	8.0	105.6	00:07:03	
713.0	71.7	8.0	105.3	00:07:03	
714.0	71.4	8.0	105.6	00:07:04	
715.0	71.3	8.0	105.6	00:07:04	
716.0	72.8	8.0	104.7	00:07:05	
717.0	70.7	8.0	106.0	00:07:06	
718.0	71.7	8.0	105.4	00:07:06	
719.0	72.3	8.0	105.0	00:07:07	
720.0	71.2	8.0	105.7	00:07:07	
721.0	72.2	8.0	105.0	00:07:08	
722.0	72.0	8.0	105.2	00:07:08	
723.0	72.1	8.0	105.1	00:07:09	
724.0	73.0	8.0	104.4	00:07:09	
725.0	73.3	8.0	104.2	00:07:10	
726.0	72.9	8.0	104.6	00:07:11	
727.0	71.6	8.0	105.3	00:07:11	
728.0	72.7	8.0	104.7	00:07:12	
729.0	75.6	8.0	102.7	00:07:12	
730.0	71.7	8.5	105.3	00:07:13	
731.0	72.3	8.8	104.7	00:07:14	
732.0	74.1	8.9	103.5	00:07:14	
733.0	78.1	9.0	100.3	00:07:15	
734.0	72.1	9.0	104.7	00:07:15	
735.0	71.6	9.1	104.8	00:07:16	
736.0	72.7	9.1	102.8	00:07:16	
737.0	77.9	9.1	98.7	00:07:17	
738.0	70.7	9.1	103.3	00:07:18	
739.0	71.7	9.1	102.6	00:07:18	
740.0	73.5	9.1	101.1	00:07:19	
741.0	87.4	9.1	86.2	00:07:19	
742.0	73.6	9.1	96.1	00:07:20	
743.0	70.8	9.1	98.5	00:07:21	
744.0	66.2	9.1	103.1	00:07:21	
745.0	74.8	9.1	96.4	00:07:22	
746.0	76.4	9.1	94.3	00:07:23	
747.0	75.1	9.1	95.3	00:07:23	
748.0	73.2	9.1	96.6	00:07:24	
749.0	73.5	9.1	96.8	00:07:24	
750.0	71.8	9.1	97.8	00:07:25	
751.0	72.1	9.1	97.7	00:07:26	
752.0	72.2	9.1	97.8	00:07:26	
753.0	72.7	9.1	97.4	00:07:27	
754.0	71.9	9.1	97.9	00:07:27	
755.0	72.5	9.1	97.5	00:07:28	
756.0	75.0	9.1	95.7	00:07:29	
757.0	70.2	9.1	99.1	00:07:29	
758.0	72.6	9.1	97.6	00:07:30	
759.0	74.6	9.1	96.0	00:07:31	
760.0	73.3	9.1	96.8	00:07:31	
761.0	71.7	9.1	98.1	00:07:32	
762.0	72.6	9.1	97.1	00:07:33	
763.0	72.5	9.1	97.2	00:07:33	
764.0	70.5	9.1	99.0	00:07:34	
765.0	72.1	9.1	97.8	00:07:34	
766.0	77.0	9.1	93.9	00:07:35	
767.0	69.6	9.1	99.6	00:07:36	
768.0	73.5	9.1	96.6	00:07:36	
769.0	73.7	9.1	96.3	00:07:37	
770.0	73.6	9.1	96.4	00:07:37	
771.0	73.3	9.1	96.8	00:07:38	
772.0	76.3	9.1	94.2	00:07:39	
773.0	73.4	9.1	95.9	00:07:39	
774.0	71.4	9.1	98.0	00:07:40	
775.0	75.0	9.1	95.2	00:07:41	
776.0	74.5	9.1	95.5	00:07:41	
777.0	72.8	9.1	96.7	00:07:42	
778.0	73.4	9.1	96.4	00:07:42	
779.0	83.4	9.1	87.8	00:07:43	
780.0	73.0	9.1	95.5	00:07:44	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
781.0	72.4	9.5	96.8	00:07:44	
782.0	76.2	9.5	93.7	00:07:45	
783.0	86.2	9.6	85.1	00:07:46	
784.0	81.7	10.0	86.9	00:07:46	
785.0	81.2	10.1	88.8	00:07:47	
786.0	71.9	10.1	96.6	00:07:48	
787.0	81.7	10.1	89.1	00:07:48	
788.0	84.6	10.1	85.9	00:07:49	
789.0	88.0	10.1	80.6	00:07:50	
790.0	80.9	10.1	87.4	00:07:51	
791.0	69.8	10.1	93.6	00:07:51	
792.0	76.4	10.1	88.1	00:07:52	
793.0	76.1	10.1	87.6	00:07:53	
794.0	95.7	10.1	68.4	00:07:53	
795.0	87.0	10.1	76.9	00:07:54	
796.0	72.3	10.1	89.9	00:07:55	
797.0	69.3	10.1	93.4	00:07:55	
798.0	80.4	10.1	84.3	00:07:56	
799.0	104.8	10.1	60.9	00:07:57	
800.0	99.2	10.1	65.0	00:07:58	
801.0	78.5	10.1	83.4	00:07:59	
802.0	71.5	10.1	90.6	00:08:00	
803.0	71.4	10.1	91.3	00:08:00	
804.0	89.3	10.1	74.7	00:08:01	
805.0	115.5	10.1	52.1	00:08:02	
806.0	99.0	10.1	63.4	00:08:03	
807.0	80.0	10.1	81.6	00:08:04	
808.0	71.6	10.1	90.1	00:08:05	
809.0	88.5	10.1	74.3	00:08:06	
810.0	94.9	10.1	67.7	00:08:06	
811.0	102.7	10.1	61.8	00:08:07	
812.0	99.9	10.1	63.5	00:08:08	
813.0	87.3	10.1	75.2	00:08:09	
814.0	86.2	10.1	76.6	00:08:10	
815.0	122.6	10.1	44.9	00:08:11	
816.0	109.7	10.1	53.1	00:08:13	
817.0	130.9	10.1	38.2	00:08:14	
818.0	131.4	10.1	34.5	00:08:16	
819.0	118.2	10.1	46.0	00:08:18	
820.0	121.6	10.1	43.4	00:08:19	
821.0	110.9	10.1	51.6	00:08:20	
822.0	123.4	10.1	42.2	00:08:22	
823.0	115.9	10.1	47.5	00:08:23	
824.0	122.7	10.1	44.8	00:08:25	
825.0	95.3	10.1	66.4	00:08:26	
826.0	114.0	10.1	54.6	00:08:27	
827.0	125.6	10.1	46.4	00:08:28	
828.0	85.4	10.1	75.9	00:08:29	
829.0	74.0	10.1	87.5	00:08:30	
830.0	72.7	10.1	89.1	00:08:30	
831.0	92.2	10.1	70.3	00:08:31	
832.0	83.0	10.1	80.1	00:08:32	
833.0	98.0	10.1	65.2	00:08:33	
834.0	135.3	10.1	43.4	00:08:34	
835.0	88.9	10.1	72.4	00:08:35	
836.0	75.6	10.1	84.5	00:08:36	
837.0	91.9	10.1	68.1	00:08:37	
838.0	119.3	10.1	44.4	00:08:38	
839.0	93.7	10.1	63.9	00:08:39	
840.0	91.9	10.1	63.0	00:08:40	
841.0	111.4	10.1	39.7	00:08:42	
842.0	56.7	10.1	52.5	00:08:43	
843.0	57.2	10.1	33.0	00:08:45	
844.0	56.6	10.1	32.8	00:08:47	
845.0	56.7	10.1	34.1	00:08:49	
846.0	61.7	10.1	30.5	00:08:51	
847.0	74.1	10.1	25.6	00:08:53	
848.0	79.0	10.1	36.0	00:08:55	
849.0	81.7	10.0	42.7	00:08:56	
850.0	77.3	10.1	47.8	00:08:57	
851.0	77.1	10.1	48.8	00:08:58	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
852.0	74.7	10.1	50.8	00:09:00	
853.0	74.1	10.1	52.0	00:09:01	
854.0	72.8	10.1	53.3	00:09:02	
855.0	72.9	10.1	54.4	00:09:03	
856.0	75.3	10.1	54.8	00:09:04	
857.0	75.6	10.1	56.6	00:09:05	
858.0	77.3	10.1	57.6	00:09:06	
859.0	76.2	10.4	59.9	00:09:07	
860.0	75.5	10.6	60.8	00:09:08	
861.0	75.4	10.6	60.8	00:09:09	
862.0	75.0	10.6	61.2	00:09:10	
863.0	77.3	10.6	61.3	00:09:11	
864.0	78.0	10.6	62.6	00:09:12	
865.0	79.1	10.6	63.3	00:09:13	
866.0	80.5	10.6	66.1	00:09:14	
867.0	79.2	10.6	67.7	00:09:15	
868.0	78.9	10.6	68.1	00:09:16	
869.0	78.2	10.6	68.9	00:09:17	
870.0	79.1	10.6	69.1	00:09:18	
871.0	79.7	10.6	70.0	00:09:18	
872.0	80.2	10.6	70.9	00:09:19	
873.0	80.1	10.6	72.3	00:09:20	
874.0	80.5	10.6	72.9	00:09:21	
875.0	80.0	10.6	73.2	00:09:22	
876.0	80.0	10.6	73.4	00:09:23	
877.0	79.8	10.6	73.6	00:09:23	
878.0	79.0	10.6	74.2	00:09:24	
879.0	78.8	10.6	74.3	00:09:25	
880.0	78.6	10.6	74.9	00:09:26	
881.0	79.9	10.6	74.8	00:09:27	
882.0	79.9	10.6	74.7	00:09:27	
883.0	79.6	10.6	74.7	00:09:28	
884.0	79.7	10.6	74.7	00:09:29	
885.0	78.9	10.6	75.1	00:09:30	
886.0	78.7	10.6	75.3	00:09:31	
887.0	79.0	10.6	75.3	00:09:31	
888.0	79.2	10.6	75.2	00:09:32	
889.0	78.5	10.6	75.6	00:09:33	
890.0	78.1	10.6	75.7	00:09:34	
891.0	77.3	10.6	76.5	00:09:35	
892.0	76.9	10.6	76.8	00:09:35	
893.0	77.5	10.6	76.6	00:09:36	
894.0	78.6	10.6	76.7	00:09:37	
895.0	80.9	10.6	76.6	00:09:38	
896.0	81.5	10.6	76.8	00:09:38	
897.0	80.6	10.6	77.6	00:09:39	
898.0	80.3	10.6	77.8	00:09:40	
899.0	79.5	10.6	78.7	00:09:41	
900.0	82.1	10.6	77.0	00:09:42	
901.0	85.1	10.6	72.6	00:09:42	
902.0	73.5	10.6	78.2	00:09:43	
903.0	74.3	10.6	75.8	00:09:44	
904.0	77.5	10.8	72.7	00:09:45	
905.0	77.1	11.2	72.8	00:09:46	
906.0	85.2	11.2	62.2	00:09:47	
907.0	80.9	11.2	67.1	00:09:47	
908.0	73.6	11.2	73.4	00:09:48	
909.0	88.9	11.2	55.3	00:09:49	
910.0	93.2	11.2	43.6	00:09:51	
911.0	83.8	11.2	51.7	00:09:52	
912.0	73.2	11.2	61.6	00:09:53	
913.0	87.5	11.2	47.5	00:09:54	
914.0	88.8	11.2	46.8	00:09:56	
915.0	91.2	11.2	35.6	00:09:57	
916.0	63.2	11.2	44.2	00:09:59	
917.0	72.1	11.2	30.6	00:10:01	
918.0	71.4	11.2	27.8	00:10:03	
919.0	70.0	11.2	30.1	00:10:05	
920.0	79.0	11.2	32.8	00:10:07	
921.0	74.7	11.2	39.6	00:10:08	
922.0	78.0	11.2	41.7	00:10:10	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
923.0	76.9	11.2	45.5	00:10:11	
924.0	77.1	11.2	46.6	00:10:12	
925.0	77.0	11.2	47.6	00:10:14	
926.0	75.5	11.2	49.1	00:10:15	
927.0	75.7	11.2	49.1	00:10:16	
928.0	73.9	11.2	50.8	00:10:17	
929.0	74.7	11.2	50.4	00:10:19	
930.0	73.9	11.2	51.1	00:10:20	
931.0	78.8	11.2	47.7	00:10:21	
932.0	77.0	11.2	50.5	00:10:22	
933.0	90.1	11.5	38.7	00:10:24	
934.0	73.9	11.5	52.6	00:10:25	
935.0	87.7	11.5	40.9	00:10:26	
936.0	84.1	11.5	43.5	00:10:28	
937.0	93.6	11.6	35.7	00:10:30	
938.0	78.5	12.0	47.9	00:10:31	
939.0	92.7	12.0	36.8	00:10:33	
940.0	84.6	12.0	42.6	00:10:34	
941.0	93.9	12.0	35.0	00:10:36	
942.0	81.0	12.0	46.6	00:10:37	
943.0	94.3	12.0	34.6	00:10:39	
944.0	82.8	12.0	45.0	00:10:40	
945.0	88.3	12.0	39.5	00:10:42	
946.0	83.5	12.0	44.8	00:10:43	
947.0	90.9	12.0	38.5	00:10:45	
948.0	83.3	12.0	44.8	00:10:46	
949.0	89.3	12.0	38.7	00:10:48	
950.0	93.8	12.0	34.7	00:10:49	
951.0	80.8	12.0	46.5	00:10:51	
952.0	93.0	12.0	36.0	00:10:52	
953.0	84.2	12.0	43.0	00:10:54	
954.0	88.7	12.0	39.1	00:10:55	
955.0	84.4	12.0	42.8	00:10:57	
956.0	90.7	12.0	37.3	00:10:58	
957.0	86.9	12.0	40.1	00:11:00	
958.0	90.7	12.0	37.3	00:11:01	
959.0	82.1	12.0	44.9	00:11:03	
960.0	91.0	12.0	36.0	00:11:05	
961.0	85.1	12.0	42.3	00:11:06	
962.0	90.9	12.0	36.4	00:11:08	
963.0	85.9	12.0	41.7	00:11:09	
964.0	91.3	12.0	36.8	00:11:11	
965.0	81.9	12.0	45.4	00:11:12	
966.0	89.4	12.0	37.8	00:11:14	
967.0	75.2	12.0	50.6	00:11:15	
968.0	87.6	12.0	39.9	00:11:17	
969.0	74.5	12.0	51.4	00:11:18	
970.0	83.3	12.0	44.9	00:11:19	
971.0	78.4	12.0	48.1	00:11:20	
972.0	87.5	12.0	40.4	00:11:22	
973.0	76.0	12.3	50.2	00:11:23	
974.0	90.2	12.6	37.0	00:11:25	
975.0	84.7	12.6	42.3	00:11:26	
976.0	88.6	12.6	38.9	00:11:28	
977.0	76.7	12.6	49.8	00:11:29	
978.0	89.9	12.6	37.7	00:11:31	
979.0	94.3	12.6	37.2	00:11:32	
980.0	104.1	12.6	37.9	00:11:34	
981.0	105.6	12.6	38.6	00:11:36	
982.0	94.9	12.6	49.4	00:11:37	
983.0	103.3	12.6	44.5	00:11:38	
984.0	95.7	12.6	42.9	00:11:40	
985.0	86.1	12.6	46.8	00:11:41	
986.0	77.7	12.6	33.6	00:11:43	
987.0	75.1	12.6	29.4	00:11:45	
988.0	77.7	12.6	28.1	00:11:47	
989.0	81.7	12.6	32.7	00:11:49	
990.0	80.6	12.6	36.7	00:11:50	
991.0	81.0	12.6	37.1	00:11:52	
992.0	83.3	12.6	39.7	00:11:54	
993.0	85.2	12.6	41.0	00:11:55	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
994.0	82.3	12.6	44.0	00:11:56	
995.0	82.9	12.6	44.0	00:11:58	
996.0	81.2	12.6	45.4	00:11:59	
997.0	86.8	12.6	41.2	00:12:01	
998.0	81.8	12.6	45.4	00:12:02	
999.0	85.3	12.6	42.7	00:12:03	
1000.0	84.2	12.8	43.4	00:12:05	
1001.0	83.6	13.0	43.6	00:12:06	
1002.0	84.3	13.0	43.7	00:12:07	
1003.0	86.8	13.0	40.4	00:12:09	
1004.0	86.1	13.0	42.3	00:12:10	
1005.0	91.6	13.0	36.2	00:12:12	
1006.0	85.6	13.0	42.4	00:12:14	
1007.0	90.9	13.0	36.3	00:12:15	
1008.0	91.6	13.0	37.0	00:12:17	
1009.0	86.2	13.0	41.5	00:12:18	
1010.0	91.5	13.0	36.4	00:12:20	
1011.0	85.7	13.0	42.1	00:12:21	
1012.0	91.4	13.0	36.9	00:12:23	
1013.0	85.0	13.0	42.7	00:12:24	
1014.0	91.0	13.0	37.4	00:12:26	
1015.0	84.7	13.0	42.9	00:12:27	
1016.0	90.2	13.0	37.1	00:12:29	
1017.0	87.2	13.0	41.0	00:12:31	
1018.0	86.7	13.0	40.9	00:12:32	
1019.0	91.0	13.0	37.2	00:12:34	
1020.0	83.5	13.0	44.0	00:12:35	
1021.0	92.5	13.0	36.8	00:12:37	
1022.0	86.6	13.0	41.4	00:12:38	
1023.0	93.7	13.4	35.2	00:12:40	
1024.0	84.6	13.6	42.4	00:12:41	
1025.0	90.5	13.6	37.7	00:12:43	
1026.0	89.1	13.6	39.0	00:12:45	
1027.0	91.8	13.6	35.0	00:12:46	
1028.0	89.0	13.6	35.0	00:12:48	
1029.0	87.0	13.6	36.0	00:12:50	
1030.0	88.3	13.6	34.8	00:12:51	
1031.0	87.5	13.6	36.3	00:12:53	
1032.0	84.7	12.9	38.0	00:12:55	
1033.0	82.8	12.4	39.5	00:12:56	
1034.0	82.6	12.0	39.7	00:12:58	
1035.0	81.1	11.8	41.1	00:12:59	
1036.0	83.3	11.6	39.7	00:13:01	
1037.0	80.9	11.5	41.2	00:13:02	
1038.0	81.9	11.5	41.3	00:13:04	
1039.0	80.4	11.5	43.0	00:13:05	
1040.0	80.4	11.5	43.9	00:13:06	
1041.0	81.4	11.5	44.1	00:13:08	
1042.0	81.7	11.5	45.3	00:13:09	
1043.0	82.6	11.5	45.0	00:13:10	
1044.0	80.5	11.5	46.6	00:13:12	
1045.0	81.7	11.5	46.1	00:13:13	
1046.0	80.2	11.5	47.5	00:13:14	
1047.0	82.5	11.5	47.0	00:13:15	
1048.0	83.0	11.5	47.5	00:13:17	
1049.0	83.1	11.5	48.8	00:13:18	
1050.0	84.4	11.5	47.9	00:13:19	
1051.0	82.7	11.5	49.7	00:13:20	
1052.0	87.5	11.5	46.9	00:13:22	
1053.0	101.1	11.6	33.3	00:13:24	
1054.0	82.7	12.2	49.3	00:13:25	
1055.0	92.9	12.3	41.9	00:13:26	
1056.0	97.1	12.5	38.0	00:13:28	
1057.0	92.1	12.9	41.7	00:13:29	
1058.0	98.6	13.3	36.3	00:13:31	
1059.0	88.6	13.3	44.8	00:13:32	
1060.0	98.0	13.3	36.3	00:13:34	
1061.0	91.7	13.3	42.2	00:13:35	
1062.0	97.1	13.3	37.1	00:13:37	
1063.0	89.3	13.3	44.2	00:13:39	
1064.0	100.1	13.3	34.9	00:13:40	



Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1065.0	85.5	13.3	46.6	00:13:42	
1066.0	95.9	13.3	39.5	00:13:43	
1067.0	90.3	13.3	41.1	00:13:45	
1068.0	95.3	13.3	35.5	00:13:46	
1069.0	87.6	13.3	41.4	00:13:48	
1070.0	93.8	13.3	36.7	00:13:49	
1071.0	86.2	13.3	42.8	00:13:51	
1072.0	93.7	13.3	36.2	00:13:53	
1073.0	89.1	13.3	40.2	00:13:54	
1074.0	91.6	13.3	38.3	00:13:56	
1075.0	93.6	13.3	36.8	00:13:57	
1076.0	85.1	13.3	43.2	00:13:59	
1077.0	94.2	13.3	36.7	00:14:00	
1078.0	90.6	13.3	39.2	00:14:02	
1079.0	93.3	13.3	36.2	00:14:04	
1080.0	87.5	13.3	41.6	00:14:05	
1081.0	90.2	13.3	39.4	00:14:07	
1082.0	85.1	13.3	43.7	00:14:08	
1083.0	90.0	13.3	39.2	00:14:09	
1084.0	85.9	13.3	43.5	00:14:11	
1085.0	90.5	13.3	39.1	00:14:12	
1086.0	87.9	13.3	41.6	00:14:14	
1087.0	91.2	13.3	37.6	00:14:16	
1088.0	92.8	13.3	37.9	00:14:17	
1089.0	86.9	13.3	38.9	00:14:19	
1090.0	91.6	13.3	34.2	00:14:20	
1091.0	85.6	13.3	39.0	00:14:22	
1092.0	88.7	13.3	36.5	00:14:24	
1093.0	88.6	13.3	35.8	00:14:25	
1094.0	88.2	13.3	37.2	00:14:27	
1095.0	86.5	13.3	38.3	00:14:28	
1096.0	89.6	13.3	34.8	00:14:30	
1097.0	85.8	13.3	37.3	00:14:32	
1098.0	87.4	13.3	35.8	00:14:34	
1099.0	87.1	13.3	36.2	00:14:35	
1100.0	83.1	13.3	39.1	00:14:37	
1101.0	83.3	13.3	39.2	00:14:38	
1102.0	81.5	13.3	40.5	00:14:40	
1103.0	83.7	13.6	39.1	00:14:41	
1104.0	84.0	14.1	38.7	00:14:43	
1105.0	84.5	14.2	38.4	00:14:44	
1106.0	85.3	14.2	37.8	00:14:46	
1107.0	83.4	14.2	39.1	00:14:48	
1108.0	84.9	14.2	38.1	00:14:49	
1109.0	83.7	14.2	39.0	00:14:51	
1110.0	85.4	14.2	37.8	00:14:52	
1111.0	84.3	14.2	38.5	00:14:54	
1112.0	84.2	14.2	38.8	00:14:55	
1113.0	84.6	14.2	39.4	00:14:57	
1114.0	84.6	14.2	40.0	00:14:58	
1115.0	87.0	14.2	38.8	00:15:00	
1116.0	86.1	14.2	40.1	00:15:01	
1117.0	87.5	14.2	39.5	00:15:03	
1118.0	86.2	14.2	41.7	00:15:04	
1119.0	87.6	14.2	41.4	00:15:06	
1120.0	84.9	14.2	43.2	00:15:07	
1121.0	86.4	14.2	42.3	00:15:09	
1122.0	87.1	14.2	41.7	00:15:10	
1123.0	87.7	14.2	41.5	00:15:12	
1124.0	88.1	14.2	41.0	00:15:13	
1125.0	86.1	14.2	42.5	00:15:14	
1126.0	87.0	14.2	41.8	00:15:16	
1127.0	85.8	14.2	42.7	00:15:17	
1128.0	88.6	14.2	41.0	00:15:19	
1129.0	87.4	14.2	41.5	00:15:20	
1130.0	87.7	14.2	41.4	00:15:22	
1131.0	86.7	14.2	42.0	00:15:23	
1132.0	86.1	14.2	42.4	00:15:24	
1133.0	87.5	14.2	41.4	00:15:26	
1134.0	87.0	14.2	41.8	00:15:27	
1135.0	89.2	14.2	40.3	00:15:29	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1136.0	87.1	14.2	42.1	00:15:30	
1137.0	88.1	14.2	42.0	00:15:32	
1138.0	88.0	14.2	42.6	00:15:33	
1139.0	88.1	14.2	42.7	00:15:35	
1140.0	90.1	14.2	40.9	00:15:36	
1141.0	87.5	14.2	40.7	00:15:37	
1142.0	87.9	14.2	40.1	00:15:39	
1143.0	85.8	14.2	41.5	00:15:40	
1144.0	87.0	14.2	40.7	00:15:42	
1145.0	85.9	14.2	41.5	00:15:43	
1146.0	89.1	14.2	39.3	00:15:45	
1147.0	87.1	14.2	40.7	00:15:46	
1148.0	89.5	14.2	39.1	00:15:48	
1149.0	87.9	14.2	39.9	00:15:49	
1150.0	88.4	14.2	39.6	00:15:51	
1151.0	88.5	14.2	40.0	00:15:52	
1152.0	89.1	14.4	39.8	00:15:54	
1153.0	89.7	14.5	39.2	00:15:55	
1154.0	89.0	14.5	39.9	00:15:57	
1155.0	89.1	14.5	39.6	00:15:58	
1156.0	86.9	14.5	41.2	00:16:00	
1157.0	89.7	14.5	41.0	00:16:01	
1158.0	89.0	14.5	42.5	00:16:03	
1159.0	90.4	14.5	41.8	00:16:04	
1160.0	89.7	14.5	42.1	00:16:06	
1161.0	88.9	14.5	42.8	00:16:07	
1162.0	89.0	14.5	42.9	00:16:08	
1163.0	88.0	14.5	43.7	00:16:10	
1164.0	90.1	14.5	42.4	00:16:11	
1165.0	89.0	14.5	43.1	00:16:13	
1166.0	91.0	14.5	41.8	00:16:14	
1167.0	90.1	14.5	42.4	00:16:15	
1168.0	90.6	14.5	42.0	00:16:17	
1169.0	93.2	14.5	39.6	00:16:18	
1170.0	92.4	14.5	41.2	00:16:20	
1171.0	91.2	14.5	41.7	00:16:21	
1172.0	91.5	14.5	41.6	00:16:23	
1173.0	90.1	14.5	42.4	00:16:24	
1174.0	89.1	14.5	43.2	00:16:26	
1175.0	89.3	14.5	43.1	00:16:27	
1176.0	88.0	14.5	44.0	00:16:28	
1177.0	90.4	14.5	42.5	00:16:30	
1178.0	88.8	14.5	43.5	00:16:31	
1179.0	90.0	14.5	42.7	00:16:32	
1180.0	88.0	14.5	44.0	00:16:34	
1181.0	88.9	14.5	43.5	00:16:35	
1182.0	88.3	14.5	43.8	00:16:37	
1183.0	88.9	14.5	43.5	00:16:38	
1184.0	90.5	14.5	42.4	00:16:39	
1185.0	88.9	14.5	43.4	00:16:41	
1186.0	89.3	14.5	43.2	00:16:42	
1187.0	88.4	14.5	43.8	00:16:44	
1188.0	90.5	14.5	42.4	00:16:45	
1189.0	89.8	14.5	42.8	00:16:46	
1190.0	92.3	14.5	41.2	00:16:48	
1191.0	90.5	14.5	42.3	00:16:49	
1192.0	91.1	14.5	41.9	00:16:51	
1193.0	89.5	14.5	42.8	00:16:52	
1194.0	91.8	14.5	41.3	00:16:53	
1195.0	92.4	14.5	40.9	00:16:55	
1196.0	90.9	14.5	41.8	00:16:56	
1197.0	92.4	14.5	40.7	00:16:58	
1198.0	90.8	14.5	41.8	00:16:59	
1199.0	90.9	14.5	41.7	00:17:01	
1200.0	89.5	14.5	42.7	00:17:02	
1201.0	92.0	14.5	41.0	00:17:04	
1202.0	91.9	14.5	41.2	00:17:05	
1203.0	92.7	14.5	40.8	00:17:07	
1204.0	90.4	14.5	42.2	00:17:08	
1205.0	90.4	14.5	42.2	00:17:09	
1206.0	90.4	14.5	42.2	00:17:11	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1207.0	89.8	14.5	42.6	00:17:12	
1208.0	92.4	14.5	40.9	00:17:14	
1209.0	91.3	14.5	42.1	00:17:15	
1210.0	92.4	14.5	42.0	00:17:17	
1211.0	90.1	14.5	44.1	00:17:18	
1212.0	91.1	14.5	43.7	00:17:19	
1213.0	90.4	14.5	44.2	00:17:21	
1214.0	92.0	14.5	43.2	00:17:22	
1215.0	91.6	14.5	43.3	00:17:23	
1216.0	91.4	14.5	43.7	00:17:25	
1217.0	89.9	14.5	44.6	00:17:26	
1218.0	88.5	14.5	45.7	00:17:27	
1219.0	90.3	14.5	44.6	00:17:29	
1220.0	90.2	14.5	44.7	00:17:30	
1221.0	92.6	14.5	43.1	00:17:32	
1222.0	90.2	14.5	44.6	00:17:33	
1223.0	91.3	14.5	44.0	00:17:34	
1224.0	88.8	14.5	45.5	00:17:36	
1225.0	90.2	14.5	44.8	00:17:37	
1226.0	90.7	14.5	44.9	00:17:38	
1227.0	91.8	14.5	45.0	00:17:40	
1228.0	91.7	14.5	45.5	00:17:41	
1229.0	90.5	14.5	47.0	00:17:42	
1230.0	90.9	14.5	46.7	00:17:43	
1231.0	89.4	14.5	47.8	00:17:45	
1232.0	91.7	14.5	46.5	00:17:46	
1233.0	91.6	14.5	46.4	00:17:47	
1234.0	93.5	14.5	45.2	00:17:49	
1235.0	91.4	14.5	46.4	00:17:50	
1236.0	91.5	14.5	46.5	00:17:51	
1237.0	90.7	14.5	47.6	00:17:52	
1238.0	91.9	14.5	47.6	00:17:54	
1239.0	92.8	14.5	46.9	00:17:55	
1240.0	92.3	14.5	47.3	00:17:56	
1241.0	93.5	14.5	46.5	00:17:57	
1242.0	90.4	14.5	48.5	00:17:59	
1243.0	91.5	14.5	47.9	00:18:00	
1244.0	90.6	14.5	48.6	00:18:01	
1245.0	92.3	14.5	47.5	00:18:02	
1246.0	91.9	14.5	47.7	00:18:04	
1247.0	92.3	14.5	47.5	00:18:05	
1248.0	91.0	14.5	48.3	00:18:06	
1249.0	90.5	14.5	48.7	00:18:08	
1250.0	91.3	14.5	48.1	00:18:09	
1251.0	91.6	14.5	48.0	00:18:10	
1252.0	94.0	14.5	46.8	00:18:11	
1253.0	92.1	14.5	48.7	00:18:13	
1254.0	92.8	14.5	48.4	00:18:14	
1255.0	90.9	14.5	49.8	00:18:15	
1256.0	92.4	14.5	49.1	00:18:16	
1257.0	91.5	14.5	49.7	00:18:17	
1258.0	92.7	14.5	49.1	00:18:19	
1259.0	92.3	14.5	49.2	00:18:20	
1260.0	90.7	14.5	50.4	00:18:21	
1261.0	90.6	14.5	50.5	00:18:22	
1262.0	90.6	14.5	50.8	00:18:23	
1263.0	92.9	14.5	49.3	00:18:25	
1264.0	92.0	14.5	50.0	00:18:26	
1265.0	94.5	14.5	48.3	00:18:27	
1266.0	92.0	14.5	49.9	00:18:28	
1267.0	92.5	14.5	49.6	00:18:29	
1268.0	90.9	14.5	50.6	00:18:31	
1269.0	92.4	14.5	49.8	00:18:32	
1270.0	93.2	14.5	49.2	00:18:33	
1271.0	93.6	14.5	49.0	00:18:34	
1272.0	93.5	14.5	48.8	00:18:36	
1273.0	92.1	14.5	50.0	00:18:37	
1274.0	93.7	14.5	48.5	00:18:38	
1275.0	93.8	14.5	48.9	00:18:39	
1276.0	94.3	14.5	48.6	00:18:40	
1277.0	92.4	14.5	49.7	00:18:42	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1278.0	92.8	14.5	49.5	00:18:43	
1279.0	91.9	14.5	50.2	00:18:44	
1280.0	93.2	14.5	49.1	00:18:45	
1281.0	93.9	14.5	48.8	00:18:46	
1282.0	99.0	14.5	44.0	00:18:48	
1283.0	94.5	14.5	48.2	00:18:49	
1284.0	95.7	15.0	46.9	00:18:50	
1285.0	95.2	15.0	47.3	00:18:52	
1286.0	94.0	15.0	48.5	00:18:53	
1287.0	101.3	15.0	42.1	00:18:54	
1288.0	95.9	15.0	47.1	00:18:56	
1289.0	104.7	15.0	39.6	00:18:57	
1290.0	95.8	15.0	46.5	00:18:59	
1291.0	105.1	15.0	39.8	00:19:00	
1292.0	96.2	15.0	45.9	00:19:01	
1293.0	101.9	15.0	42.2	00:19:03	
1294.0	96.7	15.0	42.7	00:19:04	
1295.0	95.4	15.0	42.6	00:19:06	
1296.0	93.2	15.0	44.0	00:19:07	
1297.0	91.5	15.0	45.0	00:19:08	
1298.0	92.0	15.0	44.6	00:19:10	
1299.0	90.0	15.0	46.0	00:19:11	
1300.0	92.3	15.0	44.5	00:19:12	
1301.0	91.1	15.0	45.2	00:19:14	
1302.0	92.8	15.0	44.1	00:19:15	
1303.0	90.6	15.0	45.5	00:19:16	
1304.0	91.0	15.0	45.3	00:19:18	
1305.0	90.7	15.0	45.5	00:19:19	
1306.0	91.1	15.0	45.3	00:19:20	
1307.0	93.0	15.0	44.0	00:19:22	
1308.0	93.1	15.0	44.0	00:19:23	
1309.0	93.2	15.0	43.8	00:19:24	
1310.0	91.2	15.0	45.2	00:19:26	
1311.0	92.5	15.0	44.2	00:19:27	
1312.0	91.2	15.0	45.2	00:19:28	
1313.0	93.6	15.0	43.5	00:19:30	
1314.0	93.0	15.0	43.9	00:19:31	
1315.0	94.3	15.0	43.2	00:19:32	
1316.0	90.8	15.0	45.3	00:19:34	
1317.0	92.4	15.0	44.3	00:19:35	
1318.0	92.2	15.0	44.5	00:19:36	
1319.0	93.5	15.0	43.7	00:19:38	
1320.0	94.5	15.0	42.9	00:19:39	
1321.0	94.4	15.0	43.1	00:19:41	
1322.0	93.3	15.0	43.6	00:19:42	
1323.0	91.5	15.0	44.8	00:19:43	
1324.0	92.3	15.0	44.4	00:19:45	
1325.0	91.7	15.0	44.8	00:19:46	
1326.0	93.6	15.0	43.5	00:19:47	
1327.0	91.7	15.0	44.8	00:19:49	
1328.0	92.8	15.0	44.1	00:19:50	
1329.0	90.8	15.0	45.3	00:19:51	
1330.0	91.9	15.0	44.8	00:19:53	
1331.0	92.6	15.0	44.2	00:19:54	
1332.0	93.2	15.0	43.8	00:19:56	
1333.0	93.8	15.0	43.3	00:19:57	
1334.0	91.9	15.0	44.6	00:19:58	
1335.0	92.4	15.0	44.3	00:20:00	
1336.0	90.7	15.0	45.6	00:20:01	
1337.0	94.2	15.0	44.4	00:20:02	
1338.0	93.5	15.0	45.2	00:20:04	
1339.0	95.9	15.0	43.7	00:20:05	
1340.0	94.6	15.0	44.8	00:20:06	
1341.0	94.1	15.0	44.8	00:20:08	
1342.0	90.6	15.0	47.5	00:20:09	
1343.0	93.2	15.0	46.1	00:20:10	
1344.0	94.4	15.0	45.0	00:20:12	
1345.0	94.1	15.0	45.4	00:20:13	
1346.0	93.2	15.0	45.8	00:20:14	
1347.0	92.2	15.0	46.5	00:20:15	
1348.0	91.7	15.0	46.9	00:20:17	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1349.0	92.0	15.0	46.9	00:20:18	
1350.0	93.5	15.0	45.8	00:20:19	
1351.0	92.2	15.0	46.6	00:20:21	
1352.0	93.1	15.0	46.5	00:20:22	
1353.0	90.9	15.0	48.2	00:20:23	
1354.0	91.8	15.0	47.9	00:20:24	
1355.0	90.9	15.0	48.5	00:20:26	
1356.0	92.7	15.1	47.4	00:20:27	
1357.0	93.8	15.4	46.4	00:20:28	
1358.0	94.0	15.4	46.2	00:20:30	
1359.0	92.8	15.4	47.0	00:20:31	
1360.0	91.8	15.4	47.8	00:20:32	
1361.0	92.5	15.5	47.2	00:20:33	
1362.0	92.2	15.5	47.6	00:20:35	
1363.0	94.1	15.5	46.2	00:20:36	
1364.0	92.8	15.5	47.1	00:20:37	
1365.0	93.1	15.5	46.8	00:20:38	
1366.0	94.5	15.5	45.9	00:20:40	
1367.0	94.5	15.5	46.0	00:20:41	
1368.0	94.4	15.5	45.9	00:20:42	
1369.0	94.8	15.5	45.7	00:20:44	
1370.0	93.3	15.5	46.7	00:20:45	
1371.0	92.9	15.5	47.0	00:20:46	
1372.0	92.1	15.5	47.5	00:20:48	
1373.0	92.2	15.5	47.4	00:20:49	
1374.0	93.9	15.5	46.3	00:20:50	
1375.0	93.8	15.5	46.4	00:20:51	
1376.0	93.9	15.5	46.3	00:20:53	
1377.0	92.8	15.5	46.9	00:20:54	
1378.0	93.0	15.5	46.9	00:20:55	
1379.0	92.0	15.5	47.6	00:20:57	
1380.0	93.8	15.5	46.4	00:20:58	
1381.0	94.4	15.5	46.2	00:20:59	
1382.0	95.5	15.5	45.6	00:21:00	
1383.0	93.1	15.5	47.0	00:21:02	
1384.0	93.5	15.5	46.8	00:21:03	
1385.0	92.7	15.5	47.3	00:21:04	
1386.0	93.1	15.5	47.0	00:21:05	
1387.0	94.2	15.5	46.4	00:21:07	
1388.0	96.2	15.5	46.9	00:21:08	
1389.0	94.9	15.5	48.0	00:21:09	
1390.0	98.2	15.5	46.3	00:21:11	
1391.0	91.1	15.5	48.5	00:21:12	
1392.0	94.3	15.5	46.0	00:21:13	
1393.0	93.9	15.5	46.2	00:21:14	
1394.0	92.5	15.5	47.3	00:21:16	
1395.0	93.3	15.5	46.6	00:21:17	
1396.0	91.0	15.5	47.7	00:21:18	
1397.0	91.6	15.5	47.5	00:21:20	
1398.0	92.0	15.5	47.1	00:21:21	
1399.0	93.0	15.5	46.9	00:21:22	
1400.0	94.6	15.5	46.2	00:21:23	
1401.0	93.2	15.5	47.2	00:21:25	
1402.0	94.2	15.5	46.5	00:21:26	
1403.0	92.6	15.5	47.5	00:21:27	
1404.0	93.8	15.5	46.8	00:21:29	
1405.0	95.7	15.5	45.4	00:21:30	
1406.0	95.4	15.5	45.7	00:21:31	
1407.0	94.6	15.5	46.1	00:21:32	
1408.0	94.4	15.5	46.3	00:21:34	
1409.0	95.8	15.5	47.8	00:21:35	
1410.0	98.5	15.5	48.3	00:21:36	
1411.0	98.5	15.5	48.7	00:21:38	
1412.0	104.7	15.5	43.6	00:21:39	
1413.0	98.4	15.5	49.1	00:21:40	
1414.0	99.6	15.5	48.2	00:21:41	
1415.0	96.8	15.5	49.8	00:21:43	
1416.0	96.9	15.4	50.3	00:21:44	
1417.0	100.9	15.4	47.3	00:21:45	
1418.0	94.1	15.5	50.0	00:21:46	
1419.0	96.4	15.5	48.3	00:21:47	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1420.0	100.2	15.5	45.0	00:21:49	
1421.0	93.3	15.5	49.8	00:21:50	
1422.0	96.4	15.5	48.0	00:21:51	
1423.0	106.4	15.5	39.3	00:21:53	
1424.0	97.6	15.5	45.7	00:21:54	
1425.0	98.8	15.5	44.9	00:21:55	
1426.0	105.9	15.5	39.5	00:21:57	
1427.0	99.3	15.5	44.2	00:21:58	
1428.0	105.5	15.5	39.8	00:22:00	
1429.0	97.0	15.5	45.3	00:22:01	
1430.0	103.5	15.5	41.5	00:22:03	
1431.0	102.6	15.5	41.0	00:22:04	
1432.0	102.5	15.5	41.8	00:22:05	
1433.0	101.6	15.5	42.3	00:22:07	
1434.0	100.6	15.5	43.3	00:22:08	
1435.0	104.0	15.5	40.6	00:22:10	
1436.0	98.8	15.5	44.7	00:22:11	
1437.0	104.3	15.5	40.8	00:22:13	
1438.0	97.5	15.5	45.5	00:22:14	
1439.0	102.5	15.5	42.3	00:22:15	
1440.0	97.8	15.5	44.9	00:22:17	
1441.0	98.6	15.5	44.9	00:22:18	
1442.0	101.5	15.5	42.7	00:22:19	
1443.0	96.5	15.5	46.3	00:22:21	
1444.0	101.1	15.5	43.1	00:22:22	
1445.0	94.2	15.5	47.8	00:22:23	
1446.0	96.9	15.5	46.3	00:22:25	
1447.0	98.7	15.5	44.6	00:22:26	
1448.0	94.8	15.5	47.5	00:22:27	
1449.0	98.6	15.5	45.0	00:22:29	
1450.0	95.3	15.5	47.1	00:22:30	
1451.0	96.0	15.5	46.8	00:22:31	
1452.0	100.4	15.5	43.8	00:22:33	
1453.0	95.0	15.5	47.6	00:22:34	
1454.0	96.7	15.5	46.4	00:22:35	
1455.0	95.2	15.5	47.5	00:22:36	
1456.0	95.1	15.5	47.5	00:22:38	
1457.0	94.2	15.5	48.1	00:22:39	
1458.0	92.5	15.5	49.2	00:22:40	
1459.0	93.2	15.5	49.1	00:22:41	
1460.0	92.9	15.5	49.3	00:22:42	
1461.0	93.7	15.5	49.0	00:22:44	
1462.0	94.3	15.5	48.5	00:22:45	
1463.0	94.1	15.5	48.5	00:22:46	
1464.0	93.2	15.5	49.1	00:22:47	
1465.0	93.2	15.5	49.1	00:22:49	
1466.0	93.6	15.5	48.9	00:22:50	
1467.0	96.4	15.5	47.1	00:22:51	
1468.0	93.7	15.5	48.7	00:22:52	
1469.0	95.4	15.5	47.7	00:22:54	
1470.0	97.3	15.5	46.1	00:22:55	
1471.0	92.4	15.5	49.7	00:22:56	
1472.0	95.5	15.5	47.6	00:22:57	
1473.0	97.8	15.5	46.0	00:22:59	
1474.0	94.3	15.5	48.5	00:23:00	
1475.0	95.3	15.5	47.6	00:23:01	
1476.0	94.5	15.5	48.1	00:23:02	
1477.0	92.4	15.5	49.5	00:23:04	
1478.0	93.5	15.5	48.8	00:23:05	
1479.0	92.7	15.5	49.5	00:23:06	
1480.0	94.0	15.5	48.7	00:23:07	
1481.0	92.8	15.5	49.3	00:23:09	
1482.0	93.2	15.5	49.1	00:23:10	
1483.0	91.9	15.5	50.0	00:23:11	
1484.0	92.5	15.5	49.6	00:23:12	
1485.0	92.1	15.5	49.9	00:23:13	
1486.0	92.9	15.5	49.3	00:23:15	
1487.0	93.2	15.5	49.2	00:23:16	
1488.0	92.4	15.5	49.7	00:23:17	
1489.0	92.3	15.5	49.7	00:23:18	
1490.0	91.2	15.5	50.5	00:23:19	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1491.0	92.4	15.5	49.8	00:23:21	
1492.0	92.4	15.5	49.7	00:23:22	
1493.0	92.6	15.5	49.6	00:23:23	
1494.0	92.6	15.5	49.6	00:23:24	
1495.0	91.6	15.5	50.2	00:23:25	
1496.0	91.0	15.5	50.6	00:23:27	
1497.0	91.9	15.5	49.9	00:23:28	
1498.0	92.7	15.5	49.3	00:23:29	
1499.0	93.8	15.5	48.6	00:23:30	
1500.0	92.9	15.5	49.1	00:23:32	
1501.0	92.9	15.5	49.2	00:23:33	
1502.0	92.0	15.5	49.8	00:23:34	
1503.0	92.4	15.5	49.6	00:23:35	
1504.0	93.7	15.5	48.7	00:23:36	
1505.0	95.8	15.5	48.2	00:23:38	
1506.0	95.5	15.5	48.4	00:23:39	
1507.0	94.4	15.5	49.3	00:23:40	
1508.0	94.1	15.5	50.3	00:23:41	
1509.0	93.1	15.5	51.3	00:23:42	
1510.0	95.3	15.5	50.4	00:23:44	
1511.0	95.8	15.5	49.9	00:23:45	
1512.0	98.0	15.5	48.0	00:23:46	
1513.0	96.1	15.5	49.8	00:23:47	
1514.0	94.7	15.5	50.6	00:23:48	
1515.0	108.2	15.5	39.1	00:23:50	
1516.0	107.8	15.5	35.2	00:23:52	
1517.0	91.7	15.5	46.2	00:23:53	
1518.0	93.7	15.5	45.4	00:23:54	
1519.0	107.0	15.5	34.2	00:23:56	
1520.0	101.3	15.5	38.4	00:23:58	
1521.0	101.9	15.5	38.3	00:23:59	
1522.0	96.2	15.5	42.3	00:24:01	
1523.0	103.3	15.5	38.0	00:24:02	
1524.0	99.7	15.5	39.6	00:24:04	
1525.0	101.1	15.5	39.5	00:24:05	
1526.0	104.1	15.5	36.7	00:24:07	
1527.0	98.1	15.5	41.3	00:24:09	
1528.0	103.8	15.5	35.3	00:24:10	
1529.0	94.5	15.5	39.7	00:24:12	
1530.0	98.2	15.5	35.1	00:24:13	
1531.0	94.1	15.5	37.6	00:24:15	
1532.0	97.7	15.5	35.0	00:24:17	
1533.0	93.6	15.5	37.9	00:24:18	
1534.0	92.3	15.5	32.4	00:24:20	
1535.0	89.8	15.6	33.2	00:24:22	
1536.0	93.7	15.6	29.6	00:24:24	
1537.0	95.3	15.6	30.2	00:24:26	
1538.0	99.5	15.6	32.3	00:24:28	
1539.0	94.5	15.5	37.8	00:24:29	
1540.0	93.8	15.5	39.7	00:24:31	
1541.0	94.8	15.5	40.6	00:24:32	
1542.0	96.7	15.5	40.7	00:24:34	
1543.0	95.1	15.5	42.2	00:24:35	
1544.0	94.1	15.5	42.9	00:24:37	
1545.0	91.9	15.5	44.7	00:24:38	
1546.0	95.2	15.5	42.8	00:24:39	
1547.0	93.6	15.5	43.7	00:24:41	
1548.0	95.1	15.5	43.0	00:24:42	
1549.0	98.0	15.5	41.5	00:24:44	
1550.0	96.2	15.5	42.8	00:24:45	
1551.0	101.9	15.5	38.9	00:24:47	
1552.0	96.2	15.5	42.5	00:24:48	
1553.0	102.8	15.5	38.4	00:24:50	
1554.0	101.6	15.5	38.2	00:24:51	
1555.0	99.9	15.5	40.0	00:24:53	
1556.0	105.7	15.5	35.4	00:24:54	
1557.0	98.6	15.5	40.8	00:24:56	
1558.0	105.2	15.5	36.0	00:24:58	
1559.0	97.8	15.5	41.2	00:24:59	
1560.0	104.7	15.5	36.4	00:25:01	
1561.0	99.9	15.5	39.1	00:25:02	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1562.0	102.1	15.5	38.7	00:25:04	
1563.0	104.0	15.5	36.2	00:25:05	
1564.0	98.7	15.5	40.8	00:25:07	
1565.0	108.2	15.5	34.2	00:25:09	
1566.0	98.4	15.5	40.6	00:25:10	
1567.0	103.1	15.5	32.7	00:25:12	
1568.0	77.9	15.6	29.1	00:25:14	
1569.0	79.5	15.6	23.8	00:25:17	
1570.0	92.4	15.6	20.4	00:25:20	
1571.0	95.8	15.6	27.2	00:25:22	
1572.0	94.9	15.6	31.7	00:25:24	
1573.0	98.3	15.5	33.8	00:25:25	
1574.0	96.2	15.5	38.0	00:25:27	
1575.0	96.8	15.5	40.1	00:25:28	
1576.0	95.2	15.5	43.2	00:25:30	
1577.0	95.9	15.5	43.7	00:25:31	
1578.0	95.9	15.5	44.0	00:25:32	
1579.0	96.3	15.5	43.8	00:25:34	
1580.0	95.6	15.5	44.2	00:25:35	
1581.0	96.7	15.5	43.7	00:25:37	
1582.0	94.6	15.5	44.9	00:25:38	
1583.0	94.9	15.5	44.8	00:25:39	
1584.0	96.3	15.5	44.0	00:25:41	
1585.0	95.5	15.5	44.6	00:25:42	
1586.0	96.9	15.5	43.6	00:25:43	
1587.0	96.4	15.5	43.9	00:25:45	
1588.0	96.3	15.5	44.0	00:25:46	
1589.0	103.0	15.5	39.4	00:25:48	
1590.0	95.6	15.5	44.2	00:25:49	
1591.0	103.8	15.5	39.1	00:25:51	
1592.0	104.1	15.5	37.0	00:25:52	
1593.0	98.7	15.5	42.1	00:25:54	
1594.0	108.9	15.5	34.6	00:25:55	
1595.0	98.3	15.5	41.7	00:25:57	
1596.0	108.5	15.5	35.4	00:25:59	
1597.0	107.1	15.5	34.9	00:26:00	
1598.0	101.7	15.5	39.7	00:26:02	
1599.0	111.3	15.5	31.6	00:26:04	
1600.0	99.9	15.5	38.4	00:26:05	
1601.0	108.0	15.5	32.9	00:26:07	
1602.0	101.5	15.5	37.4	00:26:09	
1603.0	107.4	15.5	33.6	00:26:10	
1604.0	101.9	15.5	36.9	00:26:12	
1605.0	104.3	15.5	35.8	00:26:14	
1606.0	101.7	15.5	37.0	00:26:15	
1607.0	100.1	15.5	38.9	00:26:17	
1608.0	105.9	15.5	34.3	00:26:19	
1609.0	93.1	15.5	43.7	00:26:20	
1610.0	90.5	15.5	46.2	00:26:21	
1611.0	89.7	15.5	47.1	00:26:23	
1612.0	88.5	15.5	48.0	00:26:24	
1613.0	88.2	15.5	48.4	00:26:25	
1614.0	89.3	15.5	47.8	00:26:26	
1615.0	90.2	15.5	47.1	00:26:28	
1616.0	91.1	15.5	46.6	00:26:29	
1617.0	91.6	15.5	46.3	00:26:30	
1618.0	91.1	15.5	46.5	00:26:31	
1619.0	90.8	15.5	46.6	00:26:33	
1620.0	92.8	15.5	45.4	00:26:34	
1621.0	92.7	15.5	45.4	00:26:35	
1622.0	93.8	15.5	44.6	00:26:37	
1623.0	92.6	15.5	45.4	00:26:38	
1624.0	92.6	15.5	45.4	00:26:39	
1625.0	92.8	15.5	45.3	00:26:41	
1626.0	94.9	15.5	44.2	00:26:42	
1627.0	107.1	15.5	33.9	00:26:44	
1628.0	103.7	15.5	35.3	00:26:46	
1629.0	95.8	15.5	41.6	00:26:47	
1630.0	103.5	15.5	36.3	00:26:49	
1631.0	111.8	15.5	29.7	00:26:51	
1632.0	104.5	15.5	34.9	00:26:52	



Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1633.0	111.5	15.5	30.2	00:26:54	
1634.0	106.2	15.5	33.8	00:26:56	
1635.0	101.6	15.5	36.7	00:26:58	
1636.0	94.9	15.5	42.2	00:26:59	
1637.0	99.0	15.5	39.7	00:27:01	
1638.0	104.7	15.5	35.6	00:27:02	
1639.0	96.0	15.5	41.6	00:27:04	
1640.0	101.7	15.5	38.0	00:27:06	
1641.0	106.0	15.5	34.3	00:27:07	
1642.0	95.6	15.5	42.2	00:27:09	
1643.0	107.8	15.5	33.2	00:27:11	
1644.0	103.5	15.5	35.3	00:27:12	
1645.0	103.1	15.5	36.7	00:27:14	
1646.0	112.5	15.5	29.1	00:27:16	
1647.0	114.7	15.5	26.0	00:27:18	
1648.0	104.1	15.5	33.8	00:27:20	
1649.0	97.7	15.5	39.4	00:27:21	
1650.0	96.6	15.5	40.5	00:27:23	
1651.0	95.6	15.5	41.8	00:27:24	
1652.0	96.5	15.5	41.3	00:27:26	
1653.0	94.5	15.5	42.7	00:27:27	
1654.0	94.9	15.5	42.5	00:27:29	
1655.0	93.2	15.5	43.8	00:27:30	
1656.0	93.5	15.5	43.7	00:27:31	
1657.0	93.0	15.5	44.0	00:27:33	
1658.0	94.3	15.5	43.4	00:27:34	
1659.0	93.4	15.5	44.0	00:27:35	
1660.0	93.3	15.5	44.1	00:27:37	
1661.0	92.5	15.5	44.6	00:27:38	
1662.0	92.4	15.5	44.9	00:27:40	
1663.0	92.5	15.5	44.6	00:27:41	
1664.0	93.0	15.5	44.4	00:27:42	
1665.0	93.8	15.5	43.9	00:27:44	
1666.0	93.6	15.5	44.2	00:27:45	
1667.0	92.7	15.5	44.6	00:27:46	
1668.0	91.9	15.5	45.1	00:27:48	
1669.0	93.2	15.5	44.3	00:27:49	
1670.0	93.3	15.5	44.3	00:27:50	
1671.0	94.6	15.5	43.3	00:27:52	
1672.0	93.8	15.5	43.8	00:27:53	
1673.0	94.7	15.5	43.1	00:27:55	
1674.0	93.0	15.5	44.3	00:27:56	
1675.0	94.3	15.5	43.4	00:27:57	
1676.0	93.5	15.5	44.0	00:27:59	
1677.0	94.8	15.5	43.2	00:28:00	
1678.0	93.3	15.5	44.1	00:28:01	
1679.0	94.2	15.5	43.7	00:28:03	
1680.0	92.9	15.5	44.4	00:28:04	
1681.0	93.1	15.5	44.4	00:28:05	
1682.0	92.2	15.5	44.9	00:28:07	
1683.0	94.1	15.5	43.7	00:28:08	
1684.0	92.6	15.4	44.2	00:28:09	
1685.0	93.6	15.4	43.5	00:28:11	
1686.0	93.6	15.4	44.8	00:28:12	
1687.0	93.5	15.4	43.6	00:28:14	
1688.0	92.7	15.4	44.1	00:28:15	
1689.0	94.9	15.3	43.1	00:28:16	
1690.0	95.4	15.4	43.6	00:28:18	
1691.0	95.5	15.5	43.4	00:28:19	
1692.0	92.6	15.5	45.1	00:28:20	
1693.0	93.2	15.5	44.9	00:28:22	
1694.0	92.2	15.5	45.4	00:28:23	
1695.0	93.4	15.5	44.8	00:28:24	
1696.0	93.0	15.5	44.9	00:28:26	
1697.0	93.7	15.5	44.5	00:28:27	
1698.0	92.3	15.5	45.4	00:28:28	
1699.0	92.2	15.5	45.5	00:28:30	
1700.0	91.8	15.5	45.7	00:28:31	
1701.0	93.0	15.5	45.1	00:28:32	
1702.0	93.1	15.5	45.0	00:28:34	
1703.0	93.5	15.5	44.8	00:28:35	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1704.0	92.6	15.5	44.9	00:28:36	
1705.0	92.4	15.4	44.8	00:28:38	
1706.0	93.5	15.5	44.9	00:28:39	
1707.0	94.0	15.5	44.5	00:28:40	
1708.0	94.7	15.5	44.0	00:28:42	
1709.0	95.4	15.5	43.4	00:28:43	
1710.0	94.1	15.5	44.2	00:28:45	
1711.0	93.3	15.5	44.8	00:28:46	
1712.0	93.0	15.5	44.9	00:28:47	
1713.0	92.7	15.5	45.0	00:28:49	
1714.0	93.8	15.5	44.5	00:28:50	
1715.0	93.9	15.5	44.4	00:28:51	
1716.0	94.4	15.5	44.1	00:28:53	
1717.0	93.5	15.5	44.6	00:28:54	
1718.0	93.6	15.5	44.5	00:28:55	
1719.0	93.2	15.5	44.8	00:28:57	
1720.0	93.7	15.5	44.5	00:28:58	
1721.0	93.0	15.5	45.0	00:28:59	
1722.0	93.8	15.5	44.3	00:29:01	
1723.0	92.4	15.5	45.3	00:29:02	
1724.0	93.0	15.5	44.8	00:29:03	
1725.0	92.5	15.5	45.3	00:29:05	
1726.0	94.6	15.5	43.9	00:29:06	
1727.0	93.8	15.5	44.3	00:29:07	
1728.0	94.6	15.5	43.9	00:29:09	
1729.0	93.2	15.5	44.8	00:29:10	
1730.0	93.3	15.5	44.6	00:29:11	
1731.0	92.8	15.5	44.9	00:29:13	
1732.0	93.9	15.5	44.3	00:29:14	
1733.0	93.7	15.5	44.4	00:29:15	
1734.0	93.8	15.5	44.1	00:29:17	
1735.0	92.7	15.5	45.0	00:29:18	
1736.0	93.1	15.5	44.7	00:29:20	
1737.0	91.8	15.5	45.6	00:29:21	
1738.0	93.2	15.5	44.9	00:29:22	
1739.0	92.5	15.5	45.3	00:29:24	
1740.0	93.6	15.5	44.4	00:29:25	
1741.0	91.9	15.5	45.5	00:29:26	
1742.0	92.2	15.5	45.3	00:29:28	
1743.0	91.2	15.5	45.9	00:29:29	
1744.0	92.3	15.5	45.3	00:29:30	
1745.0	92.6	15.5	45.1	00:29:32	
1746.0	93.2	15.5	44.8	00:29:33	
1747.0	92.5	15.5	45.2	00:29:34	
1748.0	92.7	15.5	45.1	00:29:36	
1749.0	91.2	15.5	46.2	00:29:37	
1750.0	92.8	15.5	45.0	00:29:38	
1751.0	92.4	15.5	45.3	00:29:39	
1752.0	93.3	15.5	44.6	00:29:41	
1753.0	92.0	15.5	45.4	00:29:42	
1754.0	93.8	15.5	44.3	00:29:43	
1755.0	92.2	15.5	45.2	00:29:45	
1756.0	93.4	15.5	44.6	00:29:46	
1757.0	93.0	15.5	44.8	00:29:47	
1758.0	94.5	15.5	44.0	00:29:49	
1759.0	93.2	15.5	45.0	00:29:50	
1760.0	94.1	15.5	44.5	00:29:52	
1761.0	93.7	15.5	45.2	00:29:53	
1762.0	94.2	15.5	45.0	00:29:54	
1763.0	94.5	15.5	45.1	00:29:56	
1764.0	95.8	15.5	44.5	00:29:57	
1765.0	94.9	15.5	45.2	00:29:58	
1766.0	94.7	15.5	45.2	00:29:59	
1767.0	94.3	15.5	45.5	00:30:01	
1768.0	94.9	15.5	45.1	00:30:02	
1769.0	95.3	15.5	44.9	00:30:03	
1770.0	96.2	15.5	44.4	00:30:05	
1771.0	95.1	15.5	45.0	00:30:06	
1772.0	95.1	15.5	45.3	00:30:08	
1773.0	94.3	15.5	45.6	00:30:09	
1774.0	93.7	15.5	46.0	00:30:10	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1775.0	94.3	15.5	45.6	00:30:11	
1776.0	94.2	15.5	45.8	00:30:13	
1777.0	94.5	15.5	45.4	00:30:14	
1778.0	94.3	15.5	45.6	00:30:15	
1779.0	94.5	15.5	45.4	00:30:17	
1780.0	93.4	15.5	46.1	00:30:18	
1781.0	94.5	15.5	45.5	00:30:19	
1782.0	94.3	15.5	45.6	00:30:21	
1783.0	94.7	15.5	45.4	00:30:22	
1784.0	93.7	15.5	46.0	00:30:23	
1785.0	93.4	15.5	46.2	00:30:25	
1786.0	93.1	15.5	46.5	00:30:26	
1787.0	93.7	15.5	46.1	00:30:27	
1788.0	93.7	15.5	46.1	00:30:28	
1789.0	94.1	15.5	45.8	00:30:30	
1790.0	93.6	15.5	46.2	00:30:31	
1791.0	92.8	15.5	46.6	00:30:32	
1792.0	92.6	15.5	46.9	00:30:34	
1793.0	93.6	15.5	46.3	00:30:35	
1794.0	92.7	15.5	46.7	00:30:36	
1795.0	94.0	15.5	46.0	00:30:38	
1796.0	93.5	15.5	46.6	00:30:39	
1797.0	94.3	15.5	46.6	00:30:40	
1798.0	93.1	15.5	47.5	00:30:41	
1799.0	94.5	15.5	46.7	00:30:43	
1800.0	93.7	15.5	47.2	00:30:44	
1801.0	94.9	15.5	46.7	00:30:45	
1802.0	93.8	15.5	47.3	00:30:46	
1803.0	94.9	15.5	46.7	00:30:48	
1804.0	93.5	15.5	47.4	00:30:49	
1805.0	94.5	15.5	47.0	00:30:50	
1806.0	95.2	15.5	46.8	00:30:52	
1807.0	95.4	15.5	46.6	00:30:53	
1808.0	95.2	15.5	46.8	00:30:54	
1809.0	95.6	15.5	46.5	00:30:55	
1810.0	94.9	15.5	46.9	00:30:57	
1811.0	95.6	15.5	46.3	00:30:58	
1812.0	95.4	15.5	46.5	00:30:59	
1813.0	97.2	15.5	45.4	00:31:01	
1814.0	96.3	15.5	45.9	00:31:02	
1815.0	97.2	15.5	45.4	00:31:03	
1816.0	95.7	15.5	46.4	00:31:05	
1817.0	96.3	15.5	45.9	00:31:06	
1818.0	95.5	15.5	46.3	00:31:07	
1819.0	96.6	15.5	45.5	00:31:09	
1820.0	96.4	15.5	45.8	00:31:10	
1821.0	97.0	15.5	45.5	00:31:11	
1822.0	96.0	15.5	46.1	00:31:12	
1823.0	96.9	15.5	45.6	00:31:14	
1824.0	96.0	15.5	46.1	00:31:15	
1825.0	97.9	15.5	45.0	00:31:16	
1826.0	97.2	15.5	45.3	00:31:18	
1827.0	98.4	15.5	44.6	00:31:19	
1828.0	96.5	15.5	45.7	00:31:20	
1829.0	97.6	15.5	45.0	00:31:22	
1830.0	96.2	15.5	46.0	00:31:23	
1831.0	97.2	15.5	45.3	00:31:24	
1832.0	96.2	15.5	46.0	00:31:26	
1833.0	96.9	15.5	45.7	00:31:27	
1834.0	96.4	15.5	46.4	00:31:28	
1835.0	96.8	15.5	46.3	00:31:30	
1836.0	96.0	15.5	46.7	00:31:31	
1837.0	96.8	15.5	46.4	00:31:32	
1838.0	96.5	15.5	46.6	00:31:33	
1839.0	97.2	15.5	46.0	00:31:35	
1840.0	96.6	15.5	46.5	00:31:36	
1841.0	97.0	15.5	46.2	00:31:37	
1842.0	96.4	15.5	46.4	00:31:39	
1843.0	97.8	15.5	45.6	00:31:40	
1844.0	97.4	15.5	45.8	00:31:41	
1845.0	98.9	15.5	44.9	00:31:43	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1846.0	97.9	15.5	45.6	00:31:44	
1847.0	98.9	15.5	45.0	00:31:45	
1848.0	97.6	15.5	45.7	00:31:47	
1849.0	99.1	15.5	44.8	00:31:48	
1850.0	99.1	15.5	45.0	00:31:49	
1851.0	99.5	15.5	44.6	00:31:51	
1852.0	98.6	15.5	45.1	00:31:52	
1853.0	98.9	15.5	44.9	00:31:53	
1854.0	98.4	15.5	45.3	00:31:55	
1855.0	98.8	15.5	44.9	00:31:56	
1856.0	98.7	15.5	45.1	00:31:57	
1857.0	99.6	15.5	44.6	00:31:59	
1858.0	98.5	15.5	45.2	00:32:00	
1859.0	99.5	15.5	44.7	00:32:01	
1860.0	98.0	15.5	45.5	00:32:03	
1861.0	99.0	15.5	44.9	00:32:04	
1862.0	98.3	15.5	45.2	00:32:05	
1863.0	99.8	15.5	44.4	00:32:07	
1864.0	99.0	15.5	44.9	00:32:08	
1865.0	99.7	15.5	44.3	00:32:09	
1866.0	99.2	15.5	44.7	00:32:11	
1867.0	99.7	15.5	44.3	00:32:12	
1868.0	99.9	15.5	44.2	00:32:13	
1869.0	100.9	15.5	43.6	00:32:15	
1870.0	100.8	15.5	43.7	00:32:16	
1871.0	100.8	15.5	43.6	00:32:17	
1872.0	100.4	15.5	43.7	00:32:19	
1873.0	101.4	15.5	43.2	00:32:20	
1874.0	102.3	15.5	43.4	00:32:22	
1875.0	104.0	15.5	42.7	00:32:23	
1876.0	103.4	15.5	43.2	00:32:24	
1877.0	103.5	15.5	43.0	00:32:26	
1878.0	102.9	15.5	43.5	00:32:27	
1879.0	103.0	15.5	43.4	00:32:29	
1880.0	102.8	15.5	43.6	00:32:30	
1881.0	103.7	15.5	43.1	00:32:31	
1882.0	103.2	15.5	43.4	00:32:33	
1883.0	103.3	15.5	43.3	00:32:34	
1884.0	103.0	15.5	43.5	00:32:36	
1885.0	102.9	15.5	43.6	00:32:37	
1886.0	102.6	15.5	43.8	00:32:38	
1887.0	102.9	15.5	43.5	00:32:40	
1888.0	103.3	15.5	43.4	00:32:41	
1889.0	103.0	15.5	43.5	00:32:42	
1890.0	103.0	15.5	43.5	00:32:44	
1891.0	103.3	15.5	43.3	00:32:45	
1892.0	103.5	15.5	43.3	00:32:47	
1893.0	103.5	15.5	43.2	00:32:48	
1894.0	104.0	15.5	43.0	00:32:49	
1895.0	103.6	15.5	43.1	00:32:51	
1896.0	103.3	15.5	43.4	00:32:52	
1897.0	103.8	15.5	43.0	00:32:53	
1898.0	103.7	15.5	43.1	00:32:55	
1899.0	104.4	15.5	42.7	00:32:56	
1900.0	104.3	15.5	42.7	00:32:58	
1901.0	104.6	15.5	42.5	00:32:59	
1902.0	104.6	15.5	42.4	00:33:01	
1903.0	104.9	15.5	42.2	00:33:02	
1904.0	105.0	15.5	42.3	00:33:03	
1905.0	105.5	15.5	42.1	00:33:05	
1906.0	105.4	15.5	42.0	00:33:06	
1907.0	105.3	15.5	42.0	00:33:08	
1908.0	105.5	15.5	42.0	00:33:09	
1909.0	105.3	15.5	42.0	00:33:10	
1910.0	105.2	15.5	42.2	00:33:12	
1911.0	108.5	15.5	42.2	00:33:13	
1912.0	112.7	15.5	42.3	00:33:15	
1913.0	111.9	15.5	42.8	00:33:16	
1914.0	112.1	15.5	43.0	00:33:18	
1915.0	111.6	15.5	43.3	00:33:19	
1916.0	111.7	15.5	43.4	00:33:20	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1917.0	111.5	15.5	43.5	00:33:22	
1918.0	111.8	15.5	43.4	00:33:23	
1919.0	111.5	15.5	43.6	00:33:24	
1920.0	111.6	15.5	43.5	00:33:26	
1921.0	111.8	15.5	43.5	00:33:27	
1922.0	112.0	15.5	43.3	00:33:29	
1923.0	112.5	15.5	43.1	00:33:30	
1924.0	112.7	15.5	43.0	00:33:31	
1925.0	112.9	15.5	42.8	00:33:33	
1926.0	112.9	15.5	42.9	00:33:34	
1927.0	113.5	15.5	42.4	00:33:36	
1928.0	113.0	15.5	42.8	00:33:37	
1929.0	113.5	15.5	42.4	00:33:38	
1930.0	114.1	15.5	42.0	00:33:40	
1931.0	113.5	15.5	42.4	00:33:41	
1932.0	114.4	15.5	41.9	00:33:43	
1933.0	113.6	15.5	42.1	00:33:44	
1934.0	114.1	15.5	42.0	00:33:46	
1935.0	113.7	15.5	42.2	00:33:47	
1936.0	114.3	15.5	41.9	00:33:48	
1937.0	113.9	15.5	42.1	00:33:50	
1938.0	117.4	15.5	42.1	00:33:51	
1939.0	119.3	15.5	42.5	00:33:53	
1940.0	119.1	15.5	42.7	00:33:54	
1941.0	119.0	15.5	42.9	00:33:55	
1942.0	118.7	15.5	43.2	00:33:57	
1943.0	118.8	15.4	43.1	00:33:58	
1944.0	119.1	15.5	43.0	00:34:00	
1945.0	118.6	15.4	43.2	00:34:01	
1946.0	119.4	15.5	42.9	00:34:02	
1947.0	119.2	15.4	43.0	00:34:04	
1948.0	120.1	15.4	42.5	00:34:05	
1949.0	119.7	15.5	42.8	00:34:07	
1950.0	120.8	15.5	42.1	00:34:08	
1951.0	119.8	15.5	42.5	00:34:09	
1952.0	120.9	15.5	42.0	00:34:11	
1953.0	120.4	15.5	42.3	00:34:12	
1954.0	121.5	15.5	41.6	00:34:14	
1955.0	121.1	15.5	41.7	00:34:15	
1956.0	121.7	15.5	41.4	00:34:17	
1957.0	122.0	15.5	41.2	00:34:18	
1958.0	121.7	15.5	41.3	00:34:20	
1959.0	122.2	15.5	41.0	00:34:21	
1960.0	122.0	15.5	41.1	00:34:23	
1961.0	122.6	15.5	40.7	00:34:24	
1962.0	122.6	15.5	40.8	00:34:25	
1963.0	122.8	15.5	40.7	00:34:27	
1964.0	122.9	15.5	40.6	00:34:28	
1965.0	123.0	15.5	40.5	00:34:30	
1966.0	122.9	15.5	40.5	00:34:31	
1967.0	123.5	15.5	40.3	00:34:33	
1968.0	123.9	15.5	40.1	00:34:34	
1969.0	124.0	15.5	40.0	00:34:36	
1970.0	123.9	15.5	39.9	00:34:37	
1971.0	124.8	15.5	39.4	00:34:39	
1972.0	124.0	15.5	39.8	00:34:40	
1973.0	125.4	15.5	39.0	00:34:42	
1974.0	124.7	15.5	39.4	00:34:43	
1975.0	125.9	15.5	38.8	00:34:45	
1976.0	125.4	15.5	39.0	00:34:47	
1977.0	126.1	15.5	38.7	00:34:48	
1978.0	126.1	15.5	38.7	00:34:50	
1979.0	126.5	15.5	38.5	00:34:51	
1980.0	125.8	15.5	38.8	00:34:53	
1981.0	126.6	15.5	38.2	00:34:54	
1982.0	126.4	15.5	38.4	00:34:56	
1983.0	127.2	15.5	37.9	00:34:57	
1984.0	127.2	15.5	37.9	00:34:59	
1985.0	128.1	15.5	37.4	00:35:01	
1986.0	127.8	15.5	37.5	00:35:02	
1987.0	128.5	15.5	37.0	00:35:04	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1988.0	128.3	15.5	37.1	00:35:05	
1989.0	128.8	15.5	36.8	00:35:07	
1990.0	128.4	15.5	36.9	00:35:09	
1991.0	128.7	15.5	36.7	00:35:10	
1992.0	128.6	15.5	36.8	00:35:12	
1993.0	129.1	15.5	36.6	00:35:14	
1994.0	129.0	15.5	36.6	00:35:15	
1995.0	128.9	15.5	36.6	00:35:17	
1996.0	129.5	15.5	36.4	00:35:19	
1997.0	128.8	15.5	36.5	00:35:20	
1998.0	129.7	15.5	36.2	00:35:22	
1999.0	129.6	15.5	36.1	00:35:24	
2000.0	130.1	15.5	35.9	00:35:25	
2001.0	130.5	15.5	35.6	00:35:27	
2002.0	124.4	15.5	34.9	00:35:29	
2002.2	8.7	15.7	4.9	00:35:35	Stop (10:47)