

**Table 3.12 (Part 2) – Downtime data: Milling 02 Extraction**

Milling 02	Mechanical failure	Trip suit drying due maintenance.	22-Jul	14:28	53,47	0,07
Milling 02	Mechanical failure	Trip suit drying (overspeed)	24-Jul	09:16	42,73	0,12
Milling 02	Mechanical failure	Trip suit drying (overspeed)	24-Jul	10:27	1,07	0,12
Milling 02	Mechanical failure	Trip suit drying (overspeed)	24-Jul	15:05	4,52	0,20
Milling 02	Mechanical failure	Trip suit drying (overspeed)	31-Jul	02:37	155,33	0,17
Milling 02	Mechanical failure	Trip suit drying (overspeed)	31-Jul	06:45	3,97	0,05
Milling 02	Mechanical failure	Valves exchange drying suit equalizer.	31-Jul	08:00	1,20	0,67
Milling 02	Mechanical failure	Trip suit drying (overspeed)	31-Jul	16:03	7,38	0,07
Milling 02	Mechanical failure	Mechanical failure on milling 02	1-Aug	22:40	30,55	0,75
Milling 02	Mechanical failure	Trip suit drying (overspeed)	3-Aug	18:30	43,08	0,17
Milling 02	Automation Fails	Lubrication of the planetary reducer hung milling without reason.	5-Aug	14:10	43,50	0,05
Milling 02	Automation Fails	Lubrication of the planetary reducer hung milling without reason.	5-Aug	21:18	7,08	0,15
Milling 02	Mechanical failure	Trip suit drying (overspeed)	8-Aug	02:40	53,22	0,08
Milling 02	Mechanical failure	Trip suit drying (overspeed)	8-Aug	11:11	8,43	0,05
Milling 02	Mechanical failure	Trip suit drying (overspeed)	9-Aug	09:45	22,52	0,03
Milling 02	Mechanical failure	Trip suit drying (overspeed)	10-Aug	15:01	29,23	0,03
Milling 02	Mechanical failure	Trip suit drying (overspeed)	10-Aug	15:50	0,78	0,03
Milling 02	Mechanical failure	Trip suit drying (overspeed)	10-Aug	20:54	5,03	0,27
Milling 02	Mechanical failure	Trip suit drying (overspeed)	11-Aug	15:26	18,27	0,07
Milling 02	Mechanical failure	Trip suit drying (overspeed)	12-Aug	12:06	20,60	0,05
Milling 02	Mechanical failure	Trip suit drying (overspeed)	13-Aug	08:24	20,25	0,17
Milling 02	Mechanical failure	Trip suit drying (overspeed)	13-Aug	16:40	8,10	0,08
Milling 02	Mechanical failure	Trip suit drying (overspeed)	13-Aug	19:31	2,77	0,03
Milling 02	Automation Fails	Grinding does not start, the problem fast closing.	14-Aug	19:38	23,32	0,68
Milling 02	Mechanical failure	Trip suit drying (overspeed)	15-Aug	07:31	11,20	0,12
Milling 02	Mechanical failure	Trip suit drying (overspeed)	16-Aug	16:07	32,48	0,05
Milling 02	Automation Fails	Disarming bombs tower bearing, CCM maintenance.	17-Aug	01:08	8,97	0,53
Milling 02	Automation Fails	Grinding does not start, the problem fast closing.	17-Aug	01:40	0,00	0,33
Milling 02	Mechanical failure	Trip suit drying (overspeed)	18-Aug	12:41	34,68	0,07
Milling 02	Mechanical failure	Trip suit drying (overspeed)	19-Aug	01:07	12,37	0,10
Milling 02	Mechanical failure	Mechanical failure valve control milling.	8-Sep	00:57	479,73	2,97
Milling 02	Automation Fails	CPC exchange drying suit turbine.	8-Sep	11:10	7,25	3,83
Milling 02	Mechanical failure	Trip suit drying (overspeed)	26-Sep	04:23	421,38	0,12
Milling 02	Mechanical failure	Trip suit drying (overspeed)	30-Sep	02:20	93,83	0,12
Milling 02	Failure of project construction	Low temperature steam	3-Oct	04:00	73,55	1,25
Milling 02	Automation Fails	Trip suit drying (overspeed)	10-Oct	15:00	177,75	0,27
Milling 02	Failure of project construction	Waterspout output residue in excess milling.	14-Oct	04:15	84,98	0,42
Milling 02	Automation Fails	level sensor of donnelly not acted, giving excess bagasse in the wake drag drying suits.	7-Nov	22:46	594,10	1,22
Milling 02	Automation Fails	Trip suit drying (overspeed)	8-Nov	16:57	16,97	0,88
Milling 02	Automation Fails	Milling lubrication pump hung up and called herself giving fault I / O in Cirst-up..	9-Nov	10:29	16,65	0,03
Milling 02	Electrical failure	Trip suit sealing, disarm lubrication pump.	11-Nov	14:40	52,15	0,08
Milling 02	Automation Fails	Failure turbine temperature drying TT1012F suit.	14-Nov	10:43	67,97	0,07
Milling 02	Automation Fails	Failure turbine temperature drying TT1012F suit.	14-Nov	10:52	0,08	0,07
Milling 02	Automation Fails	Failure turbine temperature drying TT1012F suit.	15-Nov	22:49	35,88	0,10
Milling 02	Automation Fails	Trip suit drying (overspeed)	17-Nov	03:50	28,92	0,05
Milling 02	Automation Fails	Failure turbine temperature drying TT1012F suit.	27-Nov	17:34	253,68	0,12
Milling 02	Automation Fails	Failure turbine temperature drying TT1012F suit.	30-Nov	12:35	66,90	0,08
Milling 02	Automation Fails	Failure turbine temperature drying TT1012F suit.	1-Dec	23:45	35,08	0,08

Source: The authors, (2016).