

# Sandvik Surcharge Calculation

## One Month Prior Element Average

(\$/lb.)

	8/16/17 - 9/15/17	9/16/17 - 10/15/17	10/16/17 - 11/15/17	11/16/17- 12/15/17	12/16/17 to 1/15/18	1/16/18 - 2/15/18
<b>Cr</b>	\$1.100	\$1.245	\$1.390	\$1.390	\$1.273	\$1.180
<b>Ni</b>	\$5.22	\$4.88	\$5.48	\$5.12	\$5.59	\$6.01
<b>Mo</b>	\$9.49	\$9.50	\$9.47	\$9.98	\$11.65	\$13.54
<b>Fe</b>	\$0.149	\$0.132	\$0.127	\$0.138	\$0.155	\$0.149

## Monthly Surcharges

(\$/lb.)

	Jan-18		Feb-18		Mar-18	
	HF	CF	HF	CF	HF	CF
<b>303</b>	\$0.31	\$0.36	\$0.36	\$0.42	\$0.39	\$0.46
<b>304L</b>	\$0.31	\$0.36	\$0.36	\$0.42	\$0.39	\$0.46
<b>321</b>	\$0.31	\$0.36	\$0.36	\$0.42	\$0.39	\$0.46
<b>347</b>	\$0.31	\$0.36	\$0.36	\$0.42	\$0.39	\$0.46
<b>2507</b>	\$0.65	\$0.77	\$0.75	\$0.89	\$0.85	\$1.00
<b>316L</b>	\$0.49	\$0.57	\$0.61	\$0.72	\$0.71	\$0.84
<b>3R60</b>	\$0.49	\$0.58	\$0.62	\$0.73	\$0.73	\$0.86
<b>310</b>	\$0.40	\$0.48	\$0.52	\$0.61	\$0.61	\$0.72
<b>2205</b>	\$0.56	\$0.66	\$0.64	\$0.76	\$0.72	\$0.84
<b>317L</b>	\$0.57	\$0.67	\$0.72	\$0.84	\$0.85	\$1.00
<b>600</b>	\$0.31	\$0.36	\$0.74	\$0.87	\$1.12	\$1.32
<b>800</b>	\$0.32	\$0.38	\$0.50	\$0.59	\$0.66	\$0.77
<b>825</b>	\$0.57	\$0.67	\$0.86	\$1.01	\$1.13	\$1.33
<b>Alloy 20</b>	\$0.52	\$0.61	\$0.77	\$0.90	\$1.00	\$1.18
<b>400</b>	\$0.15	\$0.17	\$0.58	\$0.68	\$0.95	\$1.12
<b>625</b>	\$1.07	\$1.25	\$1.62	\$1.90	\$2.16	\$2.54
<b>904L</b>	\$0.67	\$0.79	\$0.91	\$1.07	\$1.14	\$1.34
<b>2304</b>	\$0.36	\$0.42	\$0.38	\$0.44	\$0.38	\$0.45
<b>253MA</b>	\$0.32	\$0.38	\$0.37	\$0.44	\$0.40	\$0.48
<b>28//</b>	\$0.65	\$0.77	\$0.89	\$1.05	\$1.12	\$1.32
<b>2RE10</b>	\$0.37	\$0.43	\$0.47	\$0.56	\$0.56	\$0.66
<b>2RE69</b>	\$0.52	\$0.62	\$0.68	\$0.80	\$0.82	\$0.97
<b>3RE60</b>	\$0.50	\$0.59	\$0.58	\$0.68	\$0.65	\$0.76
<b>601</b>	\$0.36	\$0.43	\$0.71	\$0.83	\$1.01	\$1.19
<b>HP160</b>	\$0.51	\$0.59	\$0.61	\$0.71	\$0.69	\$0.82
<b>71</b>	\$0.30	\$0.35	\$0.74	\$0.87	\$1.13	\$1.33
<b>80</b>	\$0.50	\$0.58	\$0.59	\$0.70	\$0.68	\$0.80
<b>200</b>	\$0.16	\$0.19	\$0.78	\$0.92	\$1.34	\$1.57
<b>309</b>	\$0.34	\$0.40	\$0.41	\$0.48	\$0.45	\$0.53
<b>330</b>	\$0.31	\$0.36	\$0.51	\$0.60	\$0.68	\$0.80
<b>446</b>	\$0.37	\$0.44	\$0.35	\$0.41	\$0.31	\$0.36
<b>690</b>	\$0.43	\$0.50	\$0.76	\$0.89	\$1.06	\$1.25
<b>702</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>2707</b>	\$0.74	\$0.87	\$0.86	\$1.01	\$0.98	\$1.15
<b>2906</b>	\$0.55	\$0.65	\$0.61	\$0.71	\$0.65	\$0.77
<b>21.6.9</b>	\$0.36	\$0.43	\$0.40	\$0.47	\$0.43	\$0.50
<b>254SMO</b>	\$0.78	\$0.92	\$1.01	\$1.19	\$1.23	\$1.45
<b>316LVAR</b>	\$0.50	\$0.59	\$0.64	\$0.75	\$0.76	\$0.90
<b>353MA</b>	\$0.37	\$0.43	\$0.56	\$0.65	\$0.72	\$0.85
<b>HAST C276</b>	\$1.50	\$1.76	\$2.18	\$2.56	\$2.87	\$3.38
<b>NANOFLEX</b>	\$0.54	\$0.63	\$0.68	\$0.80	\$0.81	\$0.96
<b>SAFUREX</b>	\$0.55	\$0.65	\$0.61	\$0.71	\$0.65	\$0.77
<b>316Ti</b>	\$0.44	\$0.52	\$0.55	\$0.65	\$0.64	\$0.76
<b>410</b>	\$0.24	\$0.28	\$0.24	\$0.29	\$0.22	\$0.26
<b>SA29</b>	\$0.72	\$0.85	\$0.99	\$1.16	\$1.24	\$1.46
<b>304/L MEDICAL</b>						
<b>316LVM</b>		\$1.84		\$2.27		\$2.18