

# Sandvik Surcharge Calculation

## One Month Prior Element Average

(\$/lb.)

	4/16/16 - 5/15/16	5/16/16 - 6/15/16	6/16/16 - 7/15/16	7/16/16 - 8/15/16	8/16/16 - 9/15/16	9/16/16 - 10/15/16
<b>Cr</b>	\$0.820	\$0.820	\$0.948	\$0.980	\$0.980	\$1.028
<b>Ni</b>	\$4.12	\$3.89	\$4.35	\$4.79	\$4.55	\$4.68
<b>Mo</b>	\$7.43	\$8.58	\$7.91	\$7.94	\$8.18	\$7.77
<b>Fe</b>	\$0.130	\$0.120	\$0.091	\$0.094	\$0.094	\$0.089

## Monthly Surcharges

(\$/lb.)

	Sep-16		Oct-16		Nov-16	
	HF	CF	HF	CF	HF	CF
<b>303</b>	\$0.14	\$0.17	\$0.14	\$0.17	\$0.15	\$0.18
<b>304L</b>	\$0.14	\$0.17	\$0.14	\$0.17	\$0.15	\$0.18
<b>321</b>	\$0.14	\$0.17	\$0.14	\$0.17	\$0.15	\$0.18
<b>347</b>	\$0.14	\$0.17	\$0.14	\$0.17	\$0.15	\$0.18
<b>2507</b>	\$0.36	\$0.43	\$0.37	\$0.44	\$0.37	\$0.43
<b>316L</b>	\$0.26	\$0.31	\$0.27	\$0.32	\$0.26	\$0.31
<b>3R60</b>	\$0.26	\$0.31	\$0.27	\$0.32	\$0.27	\$0.31
<b>310</b>	\$0.19	\$0.22	\$0.19	\$0.23	\$0.20	\$0.24
<b>2205</b>	\$0.31	\$0.36	\$0.32	\$0.38	\$0.31	\$0.37
<b>317L</b>	\$0.32	\$0.37	\$0.33	\$0.38	\$0.32	\$0.37
<b>600</b>	\$0.09	\$0.11	\$0.09	\$0.11	\$0.10	\$0.12
<b>800</b>	\$0.14	\$0.16	\$0.14	\$0.16	\$0.14	\$0.17
<b>825</b>	\$0.29	\$0.34	\$0.29	\$0.35	\$0.29	\$0.34
<b>Alloy 20</b>	\$0.26	\$0.30	\$0.26	\$0.31	\$0.26	\$0.31
<b>400</b>	\$0.02	\$0.03	\$0.02	\$0.03	\$0.02	\$0.02
<b>625</b>	\$0.58	\$0.69	\$0.61	\$0.72	\$0.58	\$0.68
<b>904L</b>	\$0.37	\$0.43	\$0.38	\$0.45	\$0.37	\$0.43
<b>2304</b>	\$0.18	\$0.21	\$0.18	\$0.21	\$0.19	\$0.22
<b>253MA</b>	\$0.15	\$0.18	\$0.15	\$0.18	\$0.16	\$0.19
<b>28//</b>	\$0.34	\$0.40	\$0.35	\$0.41	\$0.35	\$0.41
<b>2RE10</b>	\$0.17	\$0.20	\$0.17	\$0.20	\$0.18	\$0.21
<b>2RE69</b>	\$0.27	\$0.31	\$0.27	\$0.32	\$0.27	\$0.32
<b>3RE60</b>	\$0.28	\$0.33	\$0.29	\$0.34	\$0.28	\$0.33
<b>601</b>	\$0.13	\$0.15	\$0.13	\$0.15	\$0.14	\$0.17
<b>HP160</b>	\$0.27	\$0.32	\$0.28	\$0.33	\$0.28	\$0.32
<b>71</b>	\$0.09	\$0.10	\$0.09	\$0.10	\$0.10	\$0.12
<b>80</b>	\$0.27	\$0.31	\$0.27	\$0.32	\$0.27	\$0.32
<b>200</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>309</b>	\$0.16	\$0.19	\$0.16	\$0.19	\$0.17	\$0.20
<b>330</b>	\$0.12	\$0.15	\$0.12	\$0.15	\$0.13	\$0.16
<b>446</b>	\$0.19	\$0.22	\$0.19	\$0.22	\$0.20	\$0.23
<b>690</b>	\$0.16	\$0.19	\$0.16	\$0.19	\$0.18	\$0.21
<b>702</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>2707</b>	\$0.42	\$0.49	\$0.43	\$0.51	\$0.42	\$0.50
<b>2906</b>	\$0.29	\$0.34	\$0.30	\$0.35	\$0.30	\$0.35
<b>21.6.9</b>	\$0.18	\$0.22	\$0.19	\$0.22	\$0.19	\$0.22
<b>254SMO</b>	\$0.44	\$0.52	\$0.46	\$0.55	\$0.44	\$0.52
<b>316LVAR</b>	\$0.27	\$0.32	\$0.28	\$0.33	\$0.27	\$0.32
<b>353MA</b>	\$0.15	\$0.18	\$0.15	\$0.18	\$0.17	\$0.20
<b>HAST C276</b>	\$0.88	\$1.04	\$0.94	\$1.10	\$0.86	\$1.01
<b>NANOFLEX</b>	\$0.31	\$0.36	\$0.32	\$0.38	\$0.30	\$0.36
<b>SAFUREX</b>	\$0.29	\$0.34	\$0.30	\$0.35	\$0.30	\$0.35
<b>316Ti</b>	\$0.23	\$0.28	\$0.24	\$0.28	\$0.24	\$0.28
<b>410</b>	\$0.12	\$0.14	\$0.12	\$0.14	\$0.12	\$0.15
<b>SA29</b>	\$0.38	\$0.45	\$0.40	\$0.47	\$0.39	\$0.46
<b>304/L MEDICAL</b>						
<b>316LVM</b>		\$1.42		\$1.36		\$1.35