



Special Instruction

CONVERSION CHART{0374}

Media Number -SEHS8402-02

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CONVERSION CHART{0374}

SMCS - 0374

Caterpillar Products: All

Table 1

CONVERSION CHART													
THOUSANDTHS (INCH) TO HUNDREDTHS (MILLIMETER)													
INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
0.000	0.00	.045	1.14	.090	2.29	.135	3.43	.180	4.57	.225	5.72	.270	6.83
.001	0.03	.046	1.17	.091	2.31	.136	3.45	.181	4.60	.226	5.74	.271	6.86
.002	0.05	.047	1.19	.092	2.34	.137	3.48	.182	4.62	.227	5.77	.272	6.88
.003	0.08	.048	1.22	.093	2.36	.138	3.51	.183	4.65	.228	5.79	.273	6.91
.004	0.10	.049	1.24	.094	2.39	.139	3.53	.184	4.67	.229	5.82	.274	6.93
.005	0.13	.050	1.27	.095	2.41	.140	3.56	.185	4.70	.230	5.84	.275	6.96
.006	0.15	.051	1.30	.096	2.44	.141	3.58	.186	4.72	.231	5.87	.276	6.99
.007	0.18	.052	1.32	.097	2.46	.142	3.61	.187	4.75	.232	5.89	.277	7.01
.008	0.20	.053	1.35	.098	2.49	.143	3.63	.188	4.78	.233	5.92	.278	7.04
.009	0.23	.054	1.37	.099	2.51	.144	3.66	.189	4.80	.234	5.92	.279	7.06
.010	0.25	.055	1.40	.100	2.54	.145	3.68	.190	4.83	.235	5.94	.280	7.09
.011	0.28	.056	1.42	.101	2.57	.146	3.71	.191	4.85	.236	5.97	.281	7.11
.012	0.30	.057	1.45	.102	2.59	.147	3.73	.192	4.88	.237	5.99	.282	7.14
.013	0.33	.058	1.47	.103	2.62	.148	3.76	.193	4.90	.238	6.02	.283	7.16
.014	0.36	.059	1.50	.104	2.64	.149	3.78	.194	4.93	.239	6.05	.284	7.19
.015	0.38	.060	1.52	.105	2.67	.150	3.81	.195	4.95	.240	6.07	.285	7.21
.016	0.41	.061	1.55	.106	2.69	.151	3.84	.196	4.98	.241	6.10	.286	7.24
.017	0.43	.062	1.57	.107	2.72	.152	3.86	.197	5.00	.242	6.12	.287	7.26



.018	0.46	.063	1.60	.108	2.74	.153	3.89	.198	5.03	.243	6.15	.288	7.29
.019	0.48	.064	1.63	.109	2.77	.154	3.91	.199	5.05	.244	6.17	.289	7.32
.020	0.51	.065	1.65	.110	2.79	.155	3.94	.200	5.08	.245	6.20	.290	7.34
.021	0.53	.066	1.68	.111	2.82	.156	3.96	.201	5.11	.246	6.22	.291	7.37
.022	0.56	.067	1.70	.112	2.84	.157	3.99	.202	5.13	.247	6.25	.292	7.39
.023	0.58	.068	1.73	.113	2.87	.158	4.01	.203	5.16	.248	6.27	.293	7.42
.024	0.61	.069	1.75	.114	2.90	.159	4.04	.204	5.18	.249	6.30	.294	7.44
.025	0.64	.070	1.78	.115	2.92	.160	4.06	.205	5.21	.250	6.32	.295	7.47
.026	0.66	.071	1.80	.116	2.95	.161	4.09	.206	5.23	.251	6.35	.296	7.49
.027	0.69	.072	1.83	.117	2.97	.162	4.11	.207	5.26	.252	6.38	.297	7.52
.028	0.71	.073	1.85	.118	3.00	.163	4.14	.208	5.28	.253	6.40	.298	7.54
.029	0.74	.074	1.88	.119	3.02	.164	4.17	.209	5.31	.254	6.43	.299	7.57
.030	0.76	.075	1.91	.120	3.05	.165	4.19	.210	5.33	.255	6.45	.290	7.59
.031	0.79	.076	1.93	.121	3.07	.166	4.22	.211	5.36	.256	6.48	.291	7.62
.032	0.81	.077	1.96	.122	3.10	.167	4.24	.212	5.38	.257	6.50	.292	7.65
.033	0.84	.078	1.98	.123	3.12	.168	4.27	.213	5.41	.258	6.53	.293	7.67
.034	0.86	.079	2.01	.124	3.15	.169	4.29	.214	5.44	.259	6.55	.294	7.70
.035	0.89	.080	2.03	.125	3.18	.170	4.32	.215	5.46	.260	6.58	.295	7.72
.036	0.91	.081	2.06	.126	3.20	.171	4.34	.216	5.49	.261	6.60	.296	7.75
.037	0.94	.082	2.08	.127	3.23	.172	4.37	.217	5.51	.262	6.63	.297	7.77
.038	0.97	.083	2.11	.128	3.25	.173	4.39	.218	5.54	.263	6.65	.298	7.80
.039	0.99	.084	2.13	.129	3.28	.174	4.42	.219	5.56	.264	6.68	.299	7.82
.040	1.02	.085	2.16	.130	3.30	.175	4.45	.220	5.59	.265	6.71	.300	7.85
.041	1.04	.086	2.18	.131	3.33	.176	4.47	.221	5.61	.266	6.73	.301	7.87
.042	1.07	.087	2.21	.132	3.35	.177	4.50	.222	5.64	.267	6.76	.302	7.90
.043	1.09	.088	2.24	.133	3.38	.178	4.52	.223	5.66	.268	6.78	.303	7.92
.044	1.12	.089	2.26	.134	3.40	.179	4.55	.224	5.69	.269	6.81	.304	7.95
INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
.305	7.75	.359	9.12	.413	10.49	.467	11.86	.521	13.23	.575	14.61	.629	15.98
.306	7.77	.360	9.14	.414	10.52	.468	11.89	.522	13.26	.576	14.63	.630	16.00
.307	7.80	.361	9.17	.415	10.54	.469	11.91	.523	13.28	.577	14.66	.631	16.03
.308	7.82	.362	9.19	.416	10.57	.470	11.94	.524	13.31	.578	14.68	.632	16.05
.309	7.85	.363	9.22	.417	10.59	.471	11.96	.525	13.34	.579	14.71	.633	16.08
.310	7.87	.364	9.25	.418	10.62	.472	11.99	.526	13.36	.580	14.73	.634	16.10

.311	7.90	.365	9.27	.419	10.64	.473	12.01	.527	13.39	.581	14.76	.635	16.13
.312	7.92	.366	9.30	.420	10.67	.474	12.04	.528	13.41	.582	14.78	.636	16.15
.313	7.95	.367	9.32	.421	10.69	.475	12.07	.529	13.44	.583	14.81	.637	16.18
.314	7.98	.368	9.35	.422	10.72	.476	12.09	.530	13.46	.584	14.83	.638	16.21
.315	8.00	.369	9.37	.423	10.74	.477	12.12	.531	13.49	.585	14.86	.639	16.23
.316	8.03	.370	9.40	.424	10.77	.478	12.14	.532	13.51	.586	14.88	.640	16.26
.317	8.05	.371	9.42	.425	10.80	.479	12.17	.533	13.54	.587	14.91	.641	16.28
.318	8.08	.372	9.45	.426	10.82	.480	12.19	.534	13.56	.588	14.94	.642	16.31
.319	8.10	.373	9.47	.427	10.85	.481	12.22	.535	13.59	.589	14.96	.643	16.33
.320	8.13	.374	9.50	.428	10.87	.482	12.24	.536	13.61	.590	14.99	.644	16.36
.321	8.15	.375	9.53	.429	10.90	.483	12.27	.537	13.64	.591	15.01	.645	16.38
.322	8.18	.376	9.55	.430	10.92	.484	12.29	.538	13.67	.592	15.04	.646	16.41
.323	8.20	.377	9.58	.431	10.95	.485	12.32	.539	13.69	.593	15.06	.647	16.43
.324	8.23	.378	9.60	.432	10.97	.486	12.34	.540	13.72	.594	15.09	.648	16.46
.325	8.26	.379	9.63	.433	11.00	.487	12.37	.541	13.74	.595	15.11	.649	16.48
.326	8.28	.380	9.65	.434	11.02	.488	12.40	.542	13.77	.596	15.14	.650	16.51
.327	8.31	.381	9.68	.435	11.05	.489	12.42	.543	13.79	.597	15.16	.651	16.54
.328	8.33	.382	9.70	.436	11.07	.490	12.45	.544	13.82	.598	15.19	.652	16.56
.329	8.36	.383	9.73	.437	11.10	.491	12.47	.545	13.84	.599	15.21	.653	16.59
.330	8.38	.384	9.75	.438	11.13	.492	12.50	.546	13.87	.600	15.24	.654	16.61
.331	8.41	.385	9.78	.439	11.15	.493	12.52	.547	13.89	.601	15.27	.655	16.64
.332	8.43	.386	9.80	.440	11.18	.494	12.55	.548	13.92	.602	15.29	.656	16.66
.333	8.46	.387	9.83	.441	11.20	.495	12.57	.549	13.94	.603	15.32	.657	16.69
.334	8.48	.388	9.86	.442	11.23	.496	12.60	.550	13.97	.604	15.34	.658	16.71
.335	8.51	.389	9.88	.443	11.25	.497	12.62	.551	14.00	.605	15.37	.659	16.74
.336	8.53	.390	9.91	.444	11.28	.498	12.65	.552	14.02	.606	15.39	.660	16.76
.337	8.56	.391	9.93	.445	11.30	.499	12.67	.553	14.05	.607	15.42	.661	16.79
.338	8.59	.392	9.96	.446	11.33	.500	12.70	.554	14.07	.608	15.44	.662	16.81
.339	8.61	.393	9.98	.447	11.35	.501	12.73	.555	14.10	.609	15.47	.663	16.84
.340	8.64	.394	10.01	.448	11.38	.502	12.75	.556	14.12	.610	15.49	.664	16.87
.341	8.66	.395	10.03	.449	11.40	.503	12.78	.557	14.15	.611	15.52	.665	16.89
.342	8.69	.396	10.06	.450	11.43	.504	12.80	.558	14.17	.612	15.54	.666	16.92
.343	8.71	.397	10.08	.451	11.46	.505	12.83	.559	14.20	.613	15.57	.667	16.94
.344	8.74	.398	10.11	.452	11.48	.506	12.85	.560	14.22	.614	15.60	.668	16.97
.345	8.76	.399	10.13	.453	11.51	.507	12.88	.561	14.25	.615	15.62	.669	16.99
.346	8.79	.400	10.16	.454	11.53	.508	12.90	.562	14.27	.616	15.65	.670	17.02

.347	8.81	.401	10.19	.455	11.56	.509	12.93	.563	14.30	.617	15.67	.671	17.04
.348	8.84	.402	10.21	.456	11.58	.510	12.95	.564	14.33	.618	15.70	.672	17.07
.349	8.86	.403	10.24	.457	11.61	.511	12.98	.565	14.35	.619	15.72	.673	17.09
.350	8.89	.404	10.26	.458	11.63	.512	13.00	.566	14.38	.620	15.75	.674	17.12
.351	8.92	.405	10.29	.459	11.66	.513	13.03	.567	14.40	.621	15.77	.675	17.15
.352	8.94	.406	10.31	.460	11.68	.514	13.06	.568	14.43	.622	15.80	.676	17.17
.353	8.97	.407	10.34	.461	11.71	.515	13.08	.569	14.45	.623	15.82	.677	17.20
.354	8.99	.408	10.36	.462	11.73	.516	13.11	.570	14.48	.624	15.85	.678	17.22
.355	9.02	.409	10.39	.463	11.76	.517	13.13	.571	14.50	.625	15.88	.679	17.25
.356	9.04	.410	10.41	.464	11.79	.518	13.16	.572	14.53	.626	15.90	.680	17.27
.357	9.07	.411	10.44	.465	11.81	.519	13.18	.573	14.55	.627	15.93	.681	17.30
.358	9.09	.412	10.46	.466	11.84	.520	13.21	.574	14.58	.628	15.95	.682	17.32
INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
.683	17.35	.728	18.49	.782	19.86	.827	21.01	.872	22.15	.920	23.37	.965	24.51
.684	17.37	.729	18.52	.783	19.89	.828	21.03	.873	22.17	.921	23.39	.966	24.54
.685	17.40	.730	18.54	.784	19.91	.829	21.06	.874	22.20	.922	23.42	.967	24.56
.686	17.42	.731	18.57	.785	19.94	.830	21.08	.875	22.23	.923	23.44	.968	24.59
.687	17.45	.732	18.59	.786	19.96	.831	21.11	.876	22.25	.924	23.47	.969	24.61
.688	17.48	.733	18.62	.787	19.99	.832	21.13	.877	22.28	.925	23.50	.970	24.64
.689	17.50	.734	18.64	.788	20.02	.833	21.16	.878	22.30	.926	23.52	.971	24.66
.690	17.53	.735	18.67	.789	20.04	.834	21.18	.879	22.33	.927	23.55	.972	24.69
.691	17.55	.736	18.69	.790	20.07	.835	21.21	.880	22.35	.928	23.57	.973	24.71
.692	17.58	.737	18.72	.791	20.09	.836	21.23	.881	22.38	.929	23.60	.974	24.74
.693	17.60	.738	18.75	.792	20.12	.837	21.26	.882	22.40	.930	23.62	.975	24.77
.694	17.63	.739	18.77	.793	20.14	.838	21.29	.883	22.43	.931	23.65	.976	24.79
.695	17.65	.740	18.80	.794	20.17	.839	21.31	.884	22.45	.932	23.67	.977	24.82
.696	17.68	.741	18.82	.795	20.19	.840	21.34	.885	22.48	.933	23.70	.978	24.84
.697	17.70	.742	18.85	.796	20.22	.841	21.36	.886	22.50	.934	23.72	.979	24.87
.698	17.73	.743	18.87	.797	20.24	.842	21.39	.887	22.53	.935	23.75	.983	24.97
.699	17.75	.744	18.90	.798	20.27	.843	21.41	.888	22.56	.936	23.77	.984	24.99
.700	17.78	.745	18.92	.799	20.29	.844	21.44	.889	22.58	.937	23.80	.985	25.02
.701	17.81	.746	18.95	.800	20.32	.845	21.46	.890	22.61	.938	23.83	.986	25.04
.702	17.83	.747	18.97	.801	20.35	.846	21.49	.891	22.63	.939	23.85	.987	25.07
.703	17.86	.748	19.00	.802	20.37	.847	21.51	.892	22.66	.940	23.88	.988	25.10

.704	17.88	.749	19.02	.803	20.40	.848	21.54	.893	22.68	.941	23.90	.989	25.12
.705	17.91	.750	19.05	.804	20.42	.849	21.56	.894	22.71	.942	23.93	.990	25.15
.706	17.93	.751	19.08	.805	20.45	.850	21.59	.895	22.73	.943	23.95	.991	25.17
.707	17.96	.752	19.10	.806	20.47	.851	21.62	.896	22.76	.944	23.98	.992	25.20
.708	17.98	.753	19.13	.807	20.50	.852	21.64	.897	22.78	.945	24.00	.993	25.22
.709	18.01	.754	19.15	.808	20.52	.853	21.67	.898	22.81	.946	24.03	.994	25.25
.710	18.03	.764	19.41	.809	20.55	.854	21.69	.899	22.83	.947	24.05	.995	25.27
.711	18.06	.765	19.43	.810	20.57	.855	21.72	.900	22.86	.948	24.08	.996	25.30
.712	18.08	.766	19.46	.811	20.60	.856	21.74	.901	22.89	.949	24.10	.997	25.32
.713	18.11	.767	19.48	.812	20.62	.857	21.77	.902	22.91	.950	24.13	.998	25.35
.714	18.14	.768	19.51	.813	20.65	.858	21.79	.903	22.94	.951	24.16	.999	25.37
.715	18.16	.769	19.53	.814	20.68	.859	21.82	.904	22.96	.952	24.18	1.000	25.40
.716	18.19	.770	19.56	.815	20.70	.860	21.84	.908	23.06	.953	24.21		
.717	18.21	.771	19.58	.816	20.73	.861	21.87	.909	23.09	.954	24.23		
.718	18.24	.772	19.61	.817	20.75	.862	21.89	.910	23.11	.955	24.26		
.719	18.26	.773	19.63	.818	20.78	.863	21.92	.911	23.14	.956	24.28		
.720	18.29	.774	19.66	.819	20.80	.864	21.95	.912	23.16	.957	24.31		
.721	18.31	.775	19.69	.820	20.83	.865	21.97	.913	23.19	.958	24.33		
.722	18.34	.776	19.71	.821	20.85	.866	22.00	.914	23.22	.959	24.36		
.723	18.36	.777	19.74	.822	20.88	.867	22.02	.915	23.24	.960	24.38		
.724	18.39	.778	19.76	.823	20.90	.868	22.05	.916	23.27	.961	24.41		
.725	18.42	.779	19.79	.824	20.93	.869	22.07	.917	23.29	.962	24.43		
.726	18.44	.780	19.81	.825	20.96	.870	22.10	.918	23.32	.963	24.46		
.727	18.47	.781	19.84	.826	20.98	.871	22.12	.919	23.34	.964	24.49		

