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Crawler Heaven

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Services

Wear Limits - Pins
and Bushings

Wear Limits - Tracks
(under construction)

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Wear Limits - Pins and Bushings

Do not consider for lubricated chains

4 sections of the link assembly

To determine the average internal pin wear measure across a piece of chain composing of 4 links (5 pins). The track section, which must not include the master pin, should be on the upper side of the track and well stretched. 75% wear is recommendation for pin and bush turn (noted in green)

Caterpillar | International | Allis - Chalmers | Fiat | Landini - MF | Case | John Deere | Komatsu

Machine Model	New		Percent Worn Chart							
	mm	in	25%	50%	75%	100%				
	mm	in	mm	in	mm	in	mm	in	mm	in
Caterpillar										
935,D2,933C,D3,931	622	24.48	625	24.6	628	24.71	632	24.87	637	25.07
D4,933E,G,955C,941,943	686	27.00	689.5	27.14	693.5	27.31	698	27.48	703	27.67
D6,951,955C,561	686	27.00	690	27.17	694.5	27.34	699	27.51	704	27.71
D5,955K,561C,951C,953	702	27.64	706	27.79	710.5	27.96	716	28.18	722	28.42
D6C,D7,572,977,D8,583,955L,963	813	32.00	817.5	32.18	822.5	32.37	828	32.59	835	32.87
D7E,F,571,572E,F,977L,973	864	34.01	868.5	34.18	874	34.4	880	34.64	887	34.92
D8H,583H,983	915	36.01	920	36.21	925.5	36.43	932	36.68	939	36.96
D9Super,D9D,E,G,594	1042	41.03	1046.5	41.20	1053	41.45	1060	41.73	1070	42.14
Dresser (International)										
TD340,TD5	610	24.01	613	24.25	616	24.25	619	24.36	623	24.53
500,TD5B,TD6,D85,TD7,100	610	24.01	613	24.14	616	24.25	620	24.40	625	24.60
BTD8,TD8,TD9,125,150	660	25.98	663.5	26.12	667.5	26.28	672	26.45	677	26.65
165,TD15,175	711	28.00	715	28.15	720	28.34	725	28.54	731	28.78
TD12,TD18,TD20	762	30.00	766	30.15	770.5	30.32	776	30.54	782	30.78
TD15C,175C,TD20B,250	762	30.00	766.5	30.17	771.5	30.37	777	30.59	784	30.85
TD20C, E, 250C, TD24, 25B	864	34.01	868.5	34.18	874	34.40	880	34.64	887	34.92
TD25C, E, TD30	1003	39.48	1008	39.68	1014	39.92	1021	40.20	1029	40.51
Allis - Chalmers										
HD3, HD 4, 652, 653, 655	610	24.01	613	24.14	619	24.25	619	24.36	623	24.53
HD5, HD6, 150 H, 155	660	25.98	663	26.1	671	26.26	671	26.42	676	26.6
HD7G, 8G, HD9, HD11, EP, B250H	711	28	714.5	28.12	725	28.31	725	28.54	731	28.78
HD15, HD16, 350, HD316	800	31.5	804	31.65	814	31.84	814	32.04	821	32.32
12G, HD16D, 16B	798	31.41	802.5	31.59	813	31.79	813	32	820	32.28
HD19, HD20, HD21	915	36.01	919.5	36.2	930	36.39	930	36.6	937	36.89
HD21P, HD21B	915	36.01	919.5	36.2	931	36.39	931	36.65	938	36.92
FD30, 21C	919	36.18	924	36.37	936	36.59	936	36.85	943	37.12
FD40, 31, 41	1147	45.15	1152.5	45.37	1176	45.6	1176	46.29	1185	46.65
FD50, 41 B	1147	45.15	1152.5	45.37	1177	45.62	1177	46.34	1186	46.7
Fiat - OM										
55-65C, 465C, 25C, 331C, 355C, 455C	500	19.68	502	19.76	505	19.87	508	20	511	20.12
60-65, 80-65, 855C, 411C, FL4, 455, 505, 555	560	22.04	563	22.1	566	22.28	569	22.4	573	22.54
855C, 955C, FL6, 655C, 805C, 95-55C	640	25.03	643	25.31	646	25.43	650	25.59	655	25.78

Machine Model	mm	in	mm	in	mm	in	mm	in	mm	in
Fiat - OM										
FD5, FLS, FD7, FL7	640	25.03	643	25.31	646.5	25.45	651	25.62	656	25.82
70C, 8, FL8, FL9, 80C, 90C 100C, 1355C, FD9, 8B, FA120, 120C, AD7, AD9	680	26.76	683.5	26.9	687.5	27.06	692	27.25	697	27.43
FD10, FA150, AD/BD10, 10, FL10	704	27.72	708	27.87	712.5	28.04	718	28.26	724	28.5
AD/BD12, 14, FL12, FL14, FD14, FL14D, FA200	760	29.92	764	30.07	769	30.28	774	30.46	781	30.75
AD/BD18, AD/BD20, 20, FL20, FD20	864	34.01	868.5	34.18	874	34.4	880	34.64	887	34.92
Landini - MF										
C25, C35, MF124, C4000, C4830	500	19.68	502	19.76	505	19.87	508	20	511	20.12
C5830, C6830, MF244, 5500C, 6500C	560	22.04	563	22.1	566	22.28	569	22.4	573	22.54
C7830, MF200	560	22.04	563	22.1	566.5	22.31	570	22.43	574	22.59
MF300	640	25.2	643.5	25.32	647	25.46	651	25.62	656	25.82
CI 8000, MF3366, MF400	680	26.76	683.5	26	687.5	27.06	692	27.25	697	27.43
MF500	686	27	690	27.17	694.5	27.34	699	27.51	704	27.71
MF500C	702	27.64	706	27.79	710.5	27.96	716	28.18	722	28.42
Case										
310, 350	597	23.5	599.5	23.6	602	23.7	605	23.81	610	24.01
450	597	23.5	600	23.62	603	23.73	606	23.85	611	24.06
450B, 455, 475	610	24.01	613	24.14	616.5	24.26	620	24.4	625	24.6
750, 800, 850, 855, 1000, 1150	635	25	638.5	25.14	642	25.28	646	25.43	651	25.62
1150BN 1150C, 1155	680	26.76	684	26.92	688.5	27.1	693	27.28	698	27.48
1450, 1450 LGP, 1455	813	32	817.5	32.18	822.5	32.37	828	32.59	835	32.87
John Deere										
420, 430, 440, 1010	584	23	586.5	23.09	589.5	23.2	593	23.34	597	23.5
2010, JD350	584	23	587	23.1	590.5	23.25	594	23.38	599	23.57
JD450, JD550, JD555	639	25.15	642.5	25.29	646.5	25.45	651	25.62	656	25.82
JD655, JD750, JD755	702	27.64	706	27.79	710.5	27.96	716	28.18	722	28.42
JD755A, JD850	813	32	817.5	32.18	822.5	32.37	828	32.59	835	32.87
855	864	34.01	868.5	34.18	874	34.4	880	34.64	887	34.92
Komatsu										
D20, D21	540	21.26	543	21.37	546	21.48	549	21.6	553	21.78
D30, D31	616	24.25	619	24.37	622	24.48	626	24.64	631	24.84
D40, D45, D50, D53	702	27.64	706	27.79	710.5	27.96	715	28.15	721	28.39
D55, D57, D60-3	760	29.92	764	30.07	769	30.28	774	30.45	780	30.7
D60-6, D65	812	31.96	816.5	32.14	821.5	32.34	827	32.56	834	32.82
D95, 75, D80, D85-12	864	34.01	866.5	34.18	874	34.4	880	34.64	887	34.92
D120, D125, D150, D155	915	36.01	920	36.21	925.5	36.43	932	36.68	939	36.96
D355	1042	41.03	1046.5	41.2	1053	41.45	1060	41.73	1070	42.14

Comments

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