LIBERTY'S HIGH PERFORMANCE PRODUCTS, INC.

EXTREME RATIO CHART

Gear Sets Must Remain in Vertical Columns

	HEAD SETS														
	25e20	**23e19**	**24e20**	**25e21**	**23e20**	**20e21**	**20e22**	**20e23**	**21e25**	**20e24**	**20e25**	**18e23**	**20e26**	**18e24**	
Main-Cluster	Asterisk (*) designates low gear only on Main-Cluster Gear Sets														**Main-Cluster**
35e15*	1.8667	1.9275	1.9444	1.9600	2.0290	2.4500	2.5667	2.6833	2.7778	2.8000	2.9167	2.9815	3.0333	3.1111	**35e15***
34e15	1.8133	1.8725	1.8889	1.9040	1.9710	2.3800	2.4933	2.6067	2.6984	2.7200	2.8333	2.8963	2.9467	3.0222	**34e15**
38e17*	1.7882	1.8465	1.8627	1.8776	1.9437	2.3471	2.4588	2.5706	2.6611	2.6824	2.7941	2.8562	2.9059	2.9804	**38e17***
33e15	1.7600	1.8174	1.8333	1.8480	1.9131	2.3100	2.4200	2.5300	2.6190	2.6400	2.7500	2.8111	2.8600	2.9333	**33e15**
39e18*	1.7333	1.7899	1.8056	1.8200	1.8841	2.2750	2.3833	2.4917	2.5794	2.6000	2.7083	2.7685	2.8167	2.8889	**39e18***
32e15	1.7067	1.7623	1.7778	1.7920	1.8551	2.2400	2.3467	2.4533	2.5397	2.5600	2.6667	2.7259	2.7733	2.8444	**32e15**
38e18*	1.6889	1.7440	1.7593	1.7733	1.8358	2.2167	2.3222	2.4278	2.5132	2.5333	2.6389	2.6975	2.7444	2.8148	**38e18***
31e15	1.6533	1.7072	1.7222	1.7360	1.7971	2.1700	2.2733	2.3767	2.4603	2.4800	2.5833	2.6407	2.6867	2.7556	**31e15**
37e18*	1.6444	1.6981	1.7130	1.7267	1.7875	2.1583	2.2611	2.3639	2.4471	2.4667	2.5695	2.6265	2.6722	2.7407	**37e18***
30e15	1.6000	1.6522	1.6667	1.6800	1.7391	2.1000	2.2000	2.3000	2.3810	2.4000	2.5000	2.5556	2.6000	2.6667	**30e15**
29e15	1.5467	1.5971	1.6111	1.6240	1.6812	2.0300	2.1267	2.2233	2.3016	2.3200	2.4167	2.4704	2.5133	2.5778	**29e15**
30e16	1.5000	1.5489	1.5625	1.5750	1.6304	1.9688	2.0625	2.1563	2.2321	2.2500	2.3438	2.3958	2.4375	2.5000	**30e16**
28e15	1.4933	1.5420	1.5556	1.5680	1.6232	1.9600	2.0533	2.1467	2.2222	2.2400	2.3333	2.3852	2.4267	2.4889	**28e15**
29e16	1.4500	1.4973	1.5104	1.5225	1.5761	1.9031	1.9938	2.0844	2.1577	2.1750	2.2656	2.3160	2.3563	2.4167	**29e16**
27e15	1.4400	1.4870	1.5000	1.5120	1.5652	1.8900	1.9800	2.0700	2.1429	2.1600	2.2500	2.3000	2.3400	2.4000	**27e15**
28e16	1.4000	1.4457	1.4583	1.4700	1.5217	1.8375	1.9250	2.0125	2.0833	2.1000	2.1875	2.2361	2.2750	2.3333	**28e16**
26e15	1.3867	1.4319	1.4444	1.4560	1.5073	1.8200	1.9067	1.9933	2.0635	2.0800	2.1667	2.2148	2.2533	2.3111	**26e15**
29e17	1.3647	1.4092	1.4216	1.4329	1.4834	1.7912	1.8765	1.9618	2.0308	2.0471	2.1324	2.1797	2.2176	2.2745	**29e17**
27e16	1.3500	1.3940	1.4062	1.4175	1.4674	1.7719	1.8563	1.9406	2.0089	2.0250	2.1094	2.1563	2.1938	2.2500	**27e16**
28e17	1.3176	1.3606	1.3725	1.3835	1.4322	1.7294	1.8118	1.8941	1.9608	1.9765	2.0588	2.1046	2.1412	2.1961	**28e17**
26e16	1.3000	1.3424	1.3542	1.3650	1.4131	1.7063	1.7875	1.8688	1.9345	1.9500	2.0313	2.0764	2.1125	2.1667	**26e16**
27e17	1.2706	1.3120	1.3235	1.3341	1.3811	1.6676	1.7471	1.8265	1.8908	1.9059	1.9853	2.0294	2.0647	2.1176	**27e17**
25e16	1.2500	1.2908	1.3021	1.3125	1.3587	1.6406	1.7188	1.7969	1.8601	1.8750	1.9531	1.9965	2.0313	2.0833	**25e16**
28e18	1.2444	1.2850	1.2963	1.3067	1.3527	1.6333	1.7111	1.7889	1.8519	1.8667	1.9444	1.9877	2.0222	2.0741	**28e18**
26e17	1.2235	1.2634	1.2745	1.2847	1.3299	1.6059	1.6824	1.7588	1.8207	1.8353	1.9118	1.9542	1.9882	2.0392	**26e17**
27e18	1.2000	1.2391	1.2500	1.2600	1.3044	1.5750	1.6500	1.7250	1.7857	1.8000	1.8750	1.9167	1.9500	2.0000	**27e18**
25e17	1.1765	1.2148	1.2255	1.2353	1.2788	1.5441	1.6176	1.6912	1.7507	1.7647	1.8382	1.8791	1.9118	1.9608	**25e17**
26e18	1.1556	1.1932	1.2037	1.2133	1.2560	1.5167	1.5889	1.6611	1.7196	1.7333	1.8056	1.8457	1.8778	1.9259	**26e18**
27e19	1.1368	1.1739	1.1842	1.1937	1.2357	1.4921	1.5632	1.6342	1.6917	1.7053	1.7763	1.8158	1.8474	1.8947	**27e19**
24e17	1.1294	1.1662	1.1765	1.1859	1.2276	1.4824	1.5529	1.6235	1.6807	1.6941	1.7647	1.8039	1.8353	1.8824	**24e17**
25e18	1.1111	1.1473	1.1574	1.1667	1.2077	1.4583	1.5278	1.5972	1.6534	1.6667	1.7361	1.7747	1.8056	1.8519	**25e18**
26e19	1.0947	1.1304	1.1404	1.1495	1.1899	1.4368	1.5053	1.5737	1.6291	1.6421	1.7105	1.7485	1.7789	1.8246	**26e19**
24e18	1.0667	1.1014	1.1111	1.1200	1.1594	1.4000	1.4667	1.5333	1.5873	1.6000	1.6667	1.7037	1.7333	1.7778	**24e18**
25e19	1.0526	1.0870	1.0965	1.1053	1.1442	1.3816	1.4474	1.5132	1.5664	1.5789	1.6447	1.6813	1.7105	1.7544	**25e19**
26e20	1.0400	1.0739	1.0833	1.0920	1.1304	1.3650	1.4300	1.4950	1.5476	1.5600	1.6250	1.6611	1.6900	1.7333	**26e20**
23e18	1.0222	1.0556	1.0648	1.0733	1.1111	1.3417	1.4056	1.4694	1.5212	1.5333	1.5972	1.6327	1.6611	1.7037	**23e18**
24e19	1.0105	1.0435	1.0526	1.0611	1.0984	1.3263	1.3895	1.4526	1.5038	1.5158	1.5789	1.6140	1.6421	1.6842	**24e19**
25e20	1.0000	1.0326	1.0417	1.0500	1.0870	1.3125	1.3750	1.4375	1.4881	1.5000	1.5625	1.5972	1.6250	1.6667	**25e20**
23e19	0.9684	1.0000	1.0088	1.0168	1.0526	1.2711	1.3316	1.3921	1.4411	1.4526	1.5132	1.5468	1.5737	1.6140	**23e19**
24e20	0.9600	0.9913	1.0000	1.0080	1.0435	1.2600	1.3200	1.3800	1.4286	1.4400	1.5000	1.5333	1.5600	1.6000	**24e20**
25e21	0.9524	0.9834	0.9921	1.0000	1.0352	1.2500	1.3095	1.3690	1.4172	1.4286	1.4881	1.5212	1.5476	1.5873	**25e21**
22e19	0.9263	0.9565	0.9649	0.9726	1.0069	1.2158	1.2737	1.3316	1.3784	1.3895	1.4474	1.4795	1.5053	1.5439	**22e19**
24e21	0.9143	0.9441	0.9524	0.9600	0.9938	1.2000	1.2571	1.3143	1.3605	1.3714	1.4286	1.4603	1.4857	1.5238	**24e21**
22e20	0.8800	0.9087	0.9167	0.9240	0.9565	1.1550	1.2100	1.2650	1.3095	1.3200	1.3750	1.4056	1.4300	1.4667	**22e20**
24e22	0.8727	0.9012	0.9091	0.9164	0.9486	1.1455	1.2000	1.2545	1.2987	1.3091	1.3636	1.3939	1.4182	1.4545	**24e22**
22e21	0.8381	0.8654	0.8730	0.8800	0.9110	1.1000	1.1524	1.2048	1.2472	1.2571	1.3095	1.3386	1.3619	1.3968	**22e21**
22e22	0.8000	0.8261	0.8333	0.8400	0.8696	1.0500	1.1000	1.1500	1.1905	1.2000	1.2500	1.2778	1.3000	1.3333	**22e22**
22e23	0.7652	0.7902	0.7971	0.8035	0.8318	1.0043	1.0522	1.1000	1.1387	1.1478	1.1957	1.2222	1.2435	1.2754	**22e23**
20e21	0.7619	0.7867	0.7937	0.8000	0.8282	1.0000	1.0476	1.0952	1.1338	1.1429	1.1905	1.2169	1.2381	1.2698	**20e21**
20e22	0.7273	0.7510	0.7576	0.7636	0.7905	0.9545	1.0000	1.0455	1.0823	1.0909	1.1364	1.1616	1.1818	1.2121	**20e22**
20e23	0.6957	0.7183	0.7246	0.7304	0.7561	0.9130	0.9565	1.0000	1.0352	1.0435	1.0870	1.1111	1.1304	1.1594	**20e23**

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