

Blue is for Approved Loads								
Date	Bullet	Powder	Primer	High	Low	ES	Average	Comments
Data Current		2/7/14						
Pressure Data 500 B&M---18 inch								
2/7/2014--- Use of 500 MDM Brass cut and trimmed for 500 B&M								
It seems that if using NEW FORMED ONLY 500 MDM Brass, you can use any load without any issue for that first firing.								
However, if using Fired 500 MDM Brass, then you have to stay AT or UNDER 54000 PSI to eliminate bolt lift and snap at the top of bolt lift.								
Pressure Trace #1								
450 BBW#13 Solid								
10/19/13	450 #13 Solid	85/IMR 8208	Fed 215	2181	2139	42	2166	41355 PSI--- PT1--New Brass
10/19/13	450 #13 Solid	85/IMR 8208	Fed 215	2196	2155	41	2182	44104 PSI--- PT1--Fired Brass
10/19/13	450 #13 Solid	80/H-322	Fed 215	2206	2196	10	2203	49486 PSI--- PT1--New Brass
10/19/13	450 #13 Solid	80/H-322	Fed 215	2214	2197	17	2204	50178 PSI--- PT1--Fired Brass
10/19/2013--- Pressure Trace II was calibrated on 450 #13 Solid 85/IMR 8208								
Pressure Trace II Data And Oehler System 83 Data								
335 #13 HP Raptor 23SS..... For Super Short Nose Projection								
11/5/13	335 #13 HP	72/RL 7	Fed 215	2381	2281	100	2331	Terrible #s....
				55742	40835			
11/5/13	335 #13 HP	76/RL 7	Fed 215	2485	2205	281	Forget it	Terrible #s....
				54980	32099			
11/5/13	335 #13 HP	72/H-4198	Fed 215	2307	2205	102	2256	33932 PSI- PT2 Terrible #s....
11/5/13	335 #13 HP	76/H-4198	Fed 215	2479	2398	81	2439	42410 PSI--PT 2
11/5/13	335 #13 HP	82/H-4198	Fed 215	2598	2568	30	2583	48179 PSI--PT 2
11/5/13	335 #13 HP	85/H-4198	Fed 215	2664	2627	37	2646	50583 PSI--PT 2>>> 87 grs
410 #13 HP Raptor... Match to 450 #13 Solid								
				H-4895???		Maybe 60%RL15+40%RL7 Blend?		
1/23/14	410#13 HP	95/V-N530	FED 215	2523	2510	13	2517	56152 PSI---Excellent Load
				56151	53423	2729	54787	Excellent No Issues
11/2/13	410#13 HP	89/H-322	FED 215	2431	2415	16	2423	56600 PSI--Oehler 83
11/2/13	410#13 HP	90/H-322	FED 215	2444	2441	3	2443	65300 PSI??--Oehler 83
11/3/13	410#13 HP	90/H-322	FED 215	0	0	0	2422	52869 PSI--PT 2 All Indications Correct

12/11/13	410#13 HP	90/H-322	FED 215	2443	2431	12	2437	55100 PSI--Oehler 375RUMBrass
				55200	54900	300	55100	
12/11/13	410#13 HP	90/H-322	FED 215	2412	2407	5	2410	55600 PSI--Oehler 500MDM Brass
				55700	55500	200	55600	Excellent No Issues
1/2/14	410#13 HP	92/H-322	FED 215	2497	2496	1	2497	61200 PSI--Oehler RUM Brass
				63000	59700	3300	61200	Excellent No Issues
2/7/14	410#13 HP	92/H-322	FED 215	2466	2463	3	2465	58668 PSI--PT2-Ext PTs
	Fired MDM Brass			59469	57867	1601	58668	X2 Snap top of bolt lift.
11/2/13	410#13 HP	93/IMR 8208	FED 215	2388	2375	13	2382	55500 PSI ??--Oehler 83
11/2/13	410#13 HP	94/IMR 8208	FED 215	2405	2401	4	2403	52500 PSI--Oehler 83
								52500 PSI correlates with 450 Solid Data
11/3/13	410#13 HP	94/IMR 8208	FED 215	2405	2398	7	2402	51869 PSI--PT 2 -Match Oehler Data
11/2/13	410#13 HP	85/RL 10X	FED 215	2397	2384	13	2391	56100 PSI--Oehler 83
11/2/13	410#13 HP	86/RL 10X	FED 215	2422	2391??	31	2407	59400 PSI--Oehler 83
								Shot#2 in ?? 59400 correlates
								very excellent with 450#13 Solid
2013 X Terminator								
1/2/14	410#13 HP	95/X Terminator	Fed 215	2430	2421	9	2425	50179 PSI--EXC PTs
				50187	50171	15	50179	
1/2/14	410#13 HP	98/X Terminator	Fed 215	2487	2475	12	2481	53780 PSI--EXC PTs
				54819	52742	2077	53780	
2/7/14	410#13 HP	98/X Terminator	Fed 215	2497	2488	8	2493	53203 PSI--Exc Load Exc PTs
				53424	52982	442	53203	
2/7/14	410#13 HP	98/X Terminator	Fed 215	2448.1	2447.4	0.7	2447.8	55063 PSI--X1 Snap Top Bolt Lift
	Fired MDM Brass			53424	52982	442	53203	
4/23/14	410#13 HP	98/X Terminator	Fed 215	2534	2523	11	2527	With Talon Tip Installed
	Talon Tip							
425 #13 Copper Solid								
11/5/13	425 #13 Solid	92/IMR 8208	Fed 215	2378	2361	17	2370	53604 PSI--PT2-Compressed
								#1 Groove Crimped
11/5/13	425 #13 Solid	88/H-322	Fed 215	2409	2408.3	0.7	2408.7	57150 PSI--PT2
								#1 Groove Crimped
11/5/13	425 #13 Solid	90/H-322	Fed 215	2449	2436	13	2442	58675 PSI--PT2
								#2 Groove Crimped

450 BBW#13 Solid								
12/10/13	450 #13 Solid	75/V-N530	Fed 215	1955	1953	2	1954	33789 PSI--Exc PTs
1/21/14	450 #13 Solid	75/V-N530	Fed 215	1997	1953	45	1975	35024 PSI
1/21/14	450 #13 Solid	79/V-N530	Fed 215	2143	2076	68	2109	41789 PSI>>> 85 grs
1/22/14	450 #13 Solid	85/V-N530	Fed 215	2222	2216	6	2219	45815 PSI>>>89 grs
1/23/14	450 #13 Solid	89/V-N530	Fed 215	2307.8	2307.2	0.6	2307.5	49246 PSI>>>92 grs
				50605	47190	2719	49246	
1/23/14	450 #13 Solid	92/V-N530	Fed 215	2385	2381	4	2383	53994 PSI>>>94
				54352	53635	715	53994	Excellent Load
1/23/14	450 #13 Solid	94/V-N530	Fed 215	2447	2435	12	2441	58401 PSI--Very Excellent Load
				58640	58162	478	58401	Excellent Load
1/24/14	450 #13 Solid	80/H-4895	Fed 215	2099	2096	3	2098	39568 PSI
				39719	39417	302	39568	
1/24/14	450 #13 Solid	85/H-4895	Fed 215	2222	2198	24	2210	45812 PSI
				46971	44655	2316	45812	
1/24/14	450 #13 Solid	90/H-4895	Fed 215	2337	2319	18	2328	Go Back get data
1/24/14	450 #13 Solid	93/H-4895	Fed 215	2397	2389	8	2393	55580 PSI--Excellent Load not too much
				56034	55125	909	55580	compressed.
1/24/14	450 #13 Solid	94/H-4895	Fed 215	2421	2417	4	2419	56942 PSI--Max Case Capacity
				57128	56755	372	56842	
10/19/13	450 #13 Solid	85/IMR 8208	Fed 215	2168	2154	14	2162	28950 PSI Calibrated to 41729 PSI
10/19/13	450 #13 Solid	85/IMR 8208	Fed 215	2165	2147	18	2157	40464 PSI---Fired Brass
10/19/13	450 #13 Solid	88/IMR 8208	Fed 215	2222	2218	4	2220	45511 PSI---
10/20/13	450 #13 Solid	91/IMR 8208	Fed 215	2309	2287	22	2298	48629 PSI
10/30/13	450 #13 Solid	91/IMR 8208	Fed 215	2303	2301	2	2302	48600 PSI--Oehler System 83
10/20/13	450 #13 Solid	93/IMR 8208	Fed 215	2353	2349	4	2351	52557 PSI
4/23/14	450 #13 Solid	93/IMR 8208	Fed 215	2381	2371	10	2376	
10/20/13	450 #13 Solid	94/IMR 8208	Fed 215	2374	2364	10	2369	53443 PSI
10/19/13	450 #13 Solid	80/H-322	Fed 215	2207	2201	6	2204	49299 PSI---PT 2
10/20/13	450 #13 Solid	83/H-322	Fed 215	2256	2245	11	2251	50032 PSI--PT 2
10/30/13	450 #13 Solid	83/H-322	Fed 215	2280	2261	19	2271	51500 PSI--Oehler System 83
10/20/13	450 #13 Solid	86/H-322	Fed 215	2310	2296	14	2303	51964 PSI--PT 2
10/20/13	450 #13 Solid	88/H-322	Fed 215	2356	2353	3	2355	55635 PSI--PT 2
11/1/13	450 #13 Solid	90/H-322	Fed 215	2384	2377	7	2381	60800 PSI--Oehler 83
10/19/13	450 #13 Solid	85/TAC	Fed 215	2221	2218	3	2219	51367 PSI--PT 2
10/20/13	450 #13 Solid	87/TAC	Fed 215	2251	2247	4	2249	50609 PSI--PT 2
10/20/13	450 #13 Solid	90/TAC	Fed 215	2299	2262	37	2281	52390 PSI--PT 2

10/20/13	450 #13 Solid	92/TAC	Fed 215	2315	2303	12	2309	52823 PSI--PT 2
11/1/13	450 #13 Solid	94/TAC	Fed 215	2346	2318	28	2332	65100 PSI--Oehler 83
11/1/13	450 #13 Solid	92/TAC	Fed 215	2323	2289	33	2306	60800 PSI--Oehler 83
		TAC showing some inconsistency..... Or Oehler???						
Old 2011 1# Can of X Terminator								
10/19/13	450 #13 Solid	80/X-Term	Fed 215	2184	2182	2	2183	48456 PSI--PT 2
10/20/13	450 #13 Solid	83/X-Term	Fed 215	0	0	0	2222	50983 PSI-PT 2
10/20/13	450 #13 Solid	86/X-Term	Fed 215	2275	2268	7	2271	50052 PSI--PT 2
10/20/13	450 #13 Solid	88/X-Term	Fed 215	2316	2314	2	2315	52524 PSI--PT 2
11/1/13	450 #13 Solid	91/X-Term	Fed 215	2365	2345	20	2355	61400 PSI--Oehler 83
		12/11/13--Since these tests new 8# Can of XTerm and think its slower???						
NEW 8# Can of X Terminator 12/2013								
12/12/13	450 #13 Solid	88/X-Term	Fed 215	2197	2187	10	2192	50703 PSI--PT 2
		Loss of 123 fps but only 2000 PSI Less... This X Terminator may not make the grade?						
12/23/13	450 #13 Solid	90/X-Term	Fed 215	2297	2273	24	2285	PT2 Failure
				2338	2327	11	2332	MagSpeed Muzzle Velocity
12/23/13	450 #13 Solid	92/X-Term	Fed 215	2336	2302	34	2324	49300 PSI--Oehler
				2386	2338	48	2368	MagSpeed Muzzle Velocity
1/2/14	450 #13 Solid	94/X-Term	Fed 215	2372	2350	22	2361	53891 PSI
				54843	53119	1723	53981	
1/2/14	450 #13 Solid	96/X-Term	Fed 215	2405	2396	13	2399	57489 PSI
				59148	55830	3317	57489	Retest????
10/19/13	450 #13 Solid	75/RL 10X	Fed 215	2127	2118	9	2123	45390 PSI--PT 2
10/20/13	450 #13 Solid	78/RL 10X	Fed 215	2183	2174	9	2179	47460 PSI--PT 2
11/1/13	450 #13 Solid	80/RL 10X	Fed 215	2209	2207	2	2208	52200 PSI-Oehler--Horneber Brass
11/1/13	450 #13 Solid	82/RL 10X	Fed 215	2252	2222	30	2237	55700 PSI-Oehler--Horneber Brass
11/1/13	450 #13 Solid	84/RL 10X	Fed 215	2288	2286	2	2287	56400 PSI-Oehler--Horneber Brass
11/3/13	450 #13 Solid	86/RL 10X	Fed 215	2339	2328	11	2333	61065 PSI--PT 2-Horneber Brass
								X1 Fired Brass
								So Far Horneber brass is Easy Open
								Performing Great
10/20/13	450 #13 Solid	81/RL 10X	Fed 215	2263	2256	7	2259	51635 PSI--PT 2
10/30/13	450 #13 Solid	81/RL 10X	Fed 215	2250	2222	27	2236	50400 PSI--Oehler System 83
10/20/13	450 #13 Solid	83/RL 10X	Fed 215	2304	2300	4	2302	52553 PSI--PT 2
11/1/13	450 #13 Solid	85/RL 10X	Fed 215	2357	2350	7	2354	60800 PSI--Oehler 83
11/1/13	450 #13 Solid	86/RL 10X	Fed 215	2372	2363	9	2367	62100 PSI--Oehler 83
11/3/2013---PT 2 and Oehler System 83 matching perfect Numbers with RL 10X and 450 #13 Solid								
10/20/13	450 #13 Solid	74/IMR 4198	Fed 215	2259	2222	37	2241	53895 PSI--PT 2
12/10/13	450 #13 Solid	77/V-N140	Fed 215	1852	1842	10	1847	30575 PSI--Too Slow
12/10/13	450 #13 Solid	73/Benchmark	Fed 215	1940	1893	47	1916	33333 PSI>>>80 grs

12/11/13	450 #13 Solid	80/Benchmark	Fed 215	2184	2168	16	2176	54090 PSI--Suspend
12/11/13	450 #13 Solid	75/H-4895	Fed 215	1967	1917	50	1942	35657 PSI
		RETEST H-4895 it is in the same category as V-N530 Go to 80 grains						
1/21/14	450 #13 Solid	77/IMR 3031	Fed 215	1973	1962	11	1968	34964 PSI
60% RL 15 + 40% RL 7 Blend Loads								
2/7/14	450#13 Solid	80/Blend	Fed 215	1964	1958	6	1961	33351 PSI>>>85 Blend
				34678	32023	2654	33351	
2/7/14	450#13 Solid	85/Blend	Fed 215	2104	2101	3	2103	39703 PSI>>>90 Blend
	This blend may be too slow???			40190	39215	974	39703	
450 North Fork FPS--Old Nose Profile								
11/1/13	450 NF-FPS	85/RL 10X	Fed 215	2353	2346	7	2350	58000 PSI--Oehler 83
2/7/14	450 NF-FPS	93/IMR 8208	Fed 215	2383	2372	11	2377	54103 PSI
				55313	52893	2419	54103	Good PTs
450 North Fork FPS--New Nose Profile								
2/7/14	450 NF-FPS	94/IMR 8208	Fed 215	2364	2352	12	2358	51597 PSI
				53191	50003	3187	51597	Good PTs
4/23/14	450 NF-FPS	94/IMR 8208	Fed 215	2370	2366	4	2367	
450 North Fork CPS--Expanding.....								
11/2/13	450 NF-CPS	88/H-322	Fed 215	2386	2385	1	2386	66400 PSI--Oehler 83
11/2/13	450 NF-CPS	86/H-322	Fed 215	2345	2325	20	2335	56600 PSI--Oehler 83
2/7/14	450 NF-CPS	93/IMR 8208	Fed 215	2395	2385	10	2390	53623--Excellent Load
				53769	53478	290	53623	Excellent PTs
4/23/14	450 NF-CPS	93/IMR 8208	Fed 215	2404	2392	12	2398	Excellent Load
2/7/14	450 NF-CPS	94/IMR 8208	Fed 215	2400	2395	5	2398	56008 PSI
				56467	55548	918	56008	More Pressure 93--No Gain
475 #13 Safari Solid								
2/1/14	475#13 Solid	90/IMR 8208	Fed 215	2308	2305	3	2307	54788 PSI--Exc Velocity Load
				56332	53245	3087	54788	Retest with New Brass
2/1/14	475#13 Solid	92/IMR 8208	Fed 215	2353	2349	4	2351	58851 PSI
				60145	57558	2586	58851	
2/4/14	475#13 Solid	92/IMR 8208	Fed 215	2345.7	2345	0.7	2345	57712 PSI--New Brass

				52602	49223	3379	50912	
12/23/13	500 #13 Solid	82/X Term	Fed 215	2125	2109	16	2117	57900 PSI—Oehler>>Suspend-Retest
12/12/13	500 #13 Solid	80/Benchmark	Fed 215	2146	2142	4	2144	60264 PSI>>Retest at 81 grs
				64308??	56220	8087??	60264	
1/21/14	500 #13 Solid	81/Benchmark	Fed 215	2169	2155	14	2161	55679 PSI
12/12/13	500 #13 Solid	82/V-N530	Fed 215	2199	2186	13	2193	60496 PSI>>Retest at 83 grs
				62718??	58275	4442??	60496	WIRE-Electrical??????
12/23/13	500 #13 Solid	83/V-N530	Fed 215	2198	2170	28	2184	52900 PSI—Oehler New Con Wire
				2242	2213	29	2227	MagSpeed Muzzle Velocity
				53500	52300	1200	52900	Oehler PSI
12/23/13	500 #13 Solid	83/V-N530	Fed 215	2202	2198	4	2200	54148 PSI—PT 2
				2254	2236	18	2245	MagSpeed Muzzle Velocity
				54462	53834	628	54148	PT 2 PSI
12/23/13	500 #13 Solid	85/V-N530	Fed 215	2258	2248	10	2253	55700 PSI Oehler-PACT Velocity
1/2/14	500 #13 Solid	87/V-N530	Fed 215	2299	2273	26	2286	63123 PSI—PT2
				64376	61869	2507	63123	
12/12/13	500 #13 Solid	85/RL 15	Fed 215	2009	2006	3	2007	42872 PSI>>Suspend
				43600	42141	1463	42872	
	525 #13 Safari Solid							
2/1/14	525#13 Solid	82/IMR 8208	Fed 215	2148	2130	18	2139	54378 PSI—Excellent Load>>84
				55259	53498	1760	54378	Excellent POI as well.....
2/4/14	525#13 Solid	84/IMR 8208	Fed 215	2181	2179	3	2180	57948 PSI—Exc Load
				58330	57565	765	57948	VVExc PTs
2/5/14	525#13 Solid	84/IMR 8208	Fed 215	2158	2145	14	2152	57954 PSI—Heavy Bolt, Snappy Top End
	X1 Fired MDM Brass			59386	56523	2862	57954	Maybe New MDM Brass???
2/7/14	525#13 Solid	84/IMR 8208	Fed 215	2165	2164	1	2165	58202 PSI—Excellent, no issues
	New MDM Brass			59010	57394	1615	58202	New Brass Excellent No Problems
2/1/14	525#13 Solid	78/H-322	Fed 215	2149	2140	9	2145	58538 PSI—Excellent Load
				58912	58165	746	58538	Excellent POI as well.....

