



## CHARGE PERFORMANCE SUMMARY



### Expendable Carrier Systems

Gun O.D.	Charge Part #	Gr. Wt.	E.H.	TTP	NTTP**	Density - Phasing	Data
----------	---------------	---------	------	-----	--------	-------------------	------

### Eco Carrier Systems

79mm	EXP-4016-302	16 DP	0.53	24.40	24.59	7-120D, 13-60D, 13-90D	Q.C.
------	--------------	-------	------	-------	-------	------------------------	------

### 86mm Expendable Carrier Systems

86mm (3 3/8")	FLO-3323-310B	23 BH	0.70	6.18	6.84	14-90D, 17-60D, 20-60D	API
	EXP-3323-302	23 DP	0.44	21.25	22.40	14-90D, 17-60D, 20-60D	API
	EXP-3323-331	23 GH	0.54	20.61	21.85	14-90D, 17-60D, 20-60D	API
	EXP-3323-422T (322T)	23 SDP	0.43	37.02	39.56	14-90D, 17-60D, 20-60D	API*
	EXP-3325-331	25 GH	0.57	29.81	30.76	14-90D, 17-60D, 20-60F	API*
	EXP-3325-421T (321T)	25 SDP	0.42	47.36	49.77	14-90D, 17-60D, 20-60F	API*

### 101mm Expendable Carrier Systems

101mm	FLO-3323-310B	23 BH	0.76	7.33	7.46	14-90D, 17-60D, 20-60D	Q.C.
	EXP-3323-331	23 GH	0.49	30.97	31.93	14-90D, 17-60D, 20-60D	API
	EXP-3323-422T (322T)	23 SDP	0.34	40.77	41.37	14-90D, 17-60D, 20-60D	Q.C.
	EXP-3325-331	25 GH	0.56	35.61	36.95	14-90D, 17-60D, 20-60D	API
	EXP-3325-421T (321T)	25 SDP	0.41	45.16	46.86	14-90D, 17-60D, 20-60D	API*
	EXP-4032-301	32 DP	0.53	34.01	34.64	14-90D, 17-60D	Q.C.
	FLO-4032-311B	32 BH	0.96	7.85	7.94	14-90D, 17-60D	Q.C.
	EXP-4036-301	36 DP	0.57	32.05	32.37	14-90D, 17-60F	Q.C.
	EXP-4039-421T (321T)	39 SDP	0.43	54.58	57.73	14-90F	API*

### 127mm Expendable Carrier Systems

127mm	FLO-4521-310B	21 BH	0.79	4.30	NA	26-45F, 39-45F	Q.C.
	EXP-4521-331	21 DP	0.56	22.78	23.44	26-45F, 39-45F	Q.C.
	FLO-3323-310B	23 BH	0.55	5.60	5.64	14-90D, 17-60D, 20-60D	Q.C.
	EXP-3323-331	23 GH	0.34	33.27	33.50	14-90D, 17-60D, 20-60D	Q.C.
	EXP-3323-422T (322T)	23 SDP	0.46	36.53	36.78	14-90D, 17-60D, 20-60D	Q.C.
	EXP-3325-331	25 GH	0.65	25.87	26.05	14-90D, 17-60D, 20-60D	Q.C.
	EXP-3325-421T (321T)	25 SDP	0.41	38.93	39.20	14-90D, 17-60D, 20-60D	Q.C.
	EXP-4032-301	32 DP	0.51	40.43	41.29	14-90F, 17-60F	Q.C.
	FLO-4032-311B	32 BH	0.95	6.87	6.92	14-90F, 17-60F	Q.C.
	EXP-4036-301	36 DP	0.52	34.80	35.54	14-90F, 17-60F	Q.C.
	EXP-4039-421T (321T)	39 SDP	0.47	54.43	55.58	14-90F	Q.C.
	LTD-5030-340Z	30 SBH	0.95	7.16	7.32	26-45F	Q.C.

\*\*NTTP = Penetration normalized to 5000 psi by method of SPE 27424 (approx. 3.6% / 1000 psi) \*This data represents HMX charges, expect about 3% less for RDX Charges

**NOTE: All Guns 17spm or Greater MUST use XHV Det. Cord**

**D = Dry**

**F = Fluid**

Calgary: (403)255-7776

Spruce Grove: 1-800-962-3370

Red Deer: (403)309-7341

Brooks: (403)501-5330

Grande Prairie: 1-888-861-0139

Slave Lake: (780)849-6542

Estevan: (306)634-6743

Medicine Hat: (403)548-0130

Lloydminster: (780)875-7072

Whitecourt (780) 706-3122

[www.explosives.com](http://www.explosives.com)

Revision Date: March 1, 2008



RETRIEVABLE TUBING GUNS					
Carrier Size	Charge Part #	Gram Wt.	EH	TTP	QC / API
35mm*	RTG-1302-400	1.8 DP	0.17	4.70	API**
40mm*	FLO-1603-410 (310)	3.2 BH	0.41	3.23	API**
40mm*	RTG-1603-420T (320T)	3.2 DP	0.20	10.91	API**
50mm*	RTG-2106-421T (321T)	6.5 DP	0.27	25.05	API**
63mm*	FLO-2106-310	6.5 BH	0.51	4.14	API**
63mm*	RTG-2511-422T (322T)	11 DP	0.32	30.52	API**
70mm* & 73mm*	EXP-2715-422T (322T)	15 DP	0.35	32.92	API**
70mm* & 73mm*	FLO-2511-310B	11 BH	0.59	4.85	API**

\*Size before firing. Expect up to 3mm of swell after firing gun.  
 \*\*This data represents HMX charges, expect 3% less for RDX charges.

CEMENT SQUEEZE					
Carrier Size	Charge Part #	Gram Wt.	EH	TTP	QC / API
86mm	EXP-3303-3Q1	3 DP	0.23	5.53	QC
101mm	EXP-4006-3Q1	6 DP	0.24	5.44	QC
127mm	EXP-4006-3Q1	6 DP	0.24	6.30	QC

Above squeeze carriers stocked in 0.3m and 1.0m lengths only

POWER CHARGES	
Part Number	Description
6000-000-170-4	Titan 3 5/8 Power Charge SB
6000-000-170-1	Titan 1 11/16 Power Charge SB
6000-000-170-5	Titan Power Charge for Baker #10 SB
6000-000-170-2	Titan Power Charge for Baker #20 SB

Note: SB = Slow Burn

Calgary: (403)255-1333  
 Slave Lake: (780)849-6542  
[www.explosives.com](http://www.explosives.com)

Spruce Grove: 1-800-962-3370  
 Estevan: (306)634-6743

Red Deer: (403)309-7341  
 Medicine Hat: (403)548-0130

Brooks: (403)501-5330  
 Lloydminster: (780)875-7072

Grande Prairie: 1-888-861-0139  
 Whitecourt (780) 706-3122

Revision Date: March 1, 2008