



**HYTORC**®

Since 1968

**Tool Model: 8XLCT with Square Drive**  
Pressure/Torque Conversion Chart

PRESSURE IN: PSI	TORQUE IN:			PRESSURE IN: BAR
	ft-lbs	KGM	NM	
1500	987	137	1338	104
1600	1053	146	1428	110
1800	1186	164	1607	124
2000	1318	182	1787	138
2200	1453	201	1970	152
2400	1588	220	2153	165
2600	1723	238	2336	179
2800	1858	257	2519	193
3000	1993	276	2702	207
3200	2131	295	2889	220
3400	2269	314	3076	234
3600	2407	333	3263	248
3800	2545	352	3450	262
4000	2683	371	3637	276
4200	2821	390	3824	290
4400	2959	409	4011	303
4600	3097	428	4198	317
4800	3235	447	4385	331
5000	3373	466	4572	345
5200	3509	485	4756	358
5400	3644	504	4940	372
5600	3780	523	5124	386
5800	3915	541	5308	400
6000	4051	560	5492	414
6200	4190	579	5679	427
6400	4328	599	5867	441
6600	4467	618	6055	455
6800	4605	637	6243	468
7000	4744	656	6431	482
7200	4883	675	6620	496
7400	5023	695	6809	510
7600	5162	714	6998	524
7800	5302	733	7187	538
8000	5441	752	7376	552
8200	5580	772	7564	565
8400	5719	791	7752	579
8600	5857	810	7940	593
8800	5996	829	8128	607
9000	6135	848	8317	620
9200	6272	867	8503	634
9400	6409	886	8689	648
9600	6547	905	8875	662
9800	6684	924	9061	676
10000	6821	943	9247	690

**Hytorc West**

<http://www.hytorcwest.com>

## Important Safety Instructions

**WARNING:** Your **HYTORC TORQUE MACHINE** is a power tool, and as with any power tool, certain safety precautions should be observed to avoid accidents or personal injury. The following tips will assist you.

- **READ ALL INSTRUCTIONS.**
- **KEEP WORK AREA CLEAN AND WELL LIT.**
- **CONSIDER WORK AREA ENVIRONMENT.** Electrical Pumps should never be used in any atmosphere which can be considered potentially volatile. If there is any doubt, use an air pump. Also Note: metal to metal contact can cause sparks, precautions should be taken.
- **AVOID PREMATURE TOOL STARTING.** The Pump Remote Control is for the TOOL OPERATOR only.
- **STAY CLEAR DURING OPERATION.** In most cases, the tool will allow “hands free” operation. If the tool must be held or steadied during operation, use alternative means of securing the tool to the application.
- **GUARD AGAINST ELECTRIC SHOCK.** Ensure the pump is properly grounded and the proper voltage is being used.
- **STORE IDLE TOOLS.** When not in use, tools and accessories should be properly stored to avoid deterioration.
- **USE RIGHT TOOL.** Don't force small tools or attachments to do the job of a larger tool. Don't use tool for purposes not intended.
- **PROPER SAFETY ATTIRE.** When handling/operating hydraulic equipment, use work gloves, hard hats, safety shoes and other applicable clothing.
- **USE SAFETY GLASSES.**
- **Moving equipment.** Do not use hydraulic hoses, uniswivels, pump power or remote cords as means of moving the equipment.
- **MAINTAIN TOOLS WITH CARE.** For top performance, inspect tool, powerpack and accessories for visual damage frequently and always prior to use. Always follow instructions for proper tool and pump maintenance. Refer to the Operations maintenance Section for further clarification.
- **STAY ALERT.** Watch what you are doing. Use common sense. Do not use power equipment under the influence of any mood altering substances.
- **PRIOR TO OPERATION.**  
Ensure that all hydraulic connections are securely connected and there is no leakage.  
Verify that the hydraulic hoses are not kinked or otherwise damaged.  
Insure the square drive and its retainer is fully and securely engaged.  
Ascertain that all connectors, elbows, fittings and swivels are not bent, loose or damaged.
- **PRIOR TO USE.**  
Check Sockets for size, quality and flaws. (Do not use if question able.)  
Cycle tool to ensure proper function.  
Locate a solid, secure reaction point.  
Be sure the reaction arm retaining clamp is fully engaged.  
Be sure the hydraulic hoses are free of the reaction point.  
Pressurize the system momentarily if the tool tends to “ride up” or to “creep”, stop and re-adjust the reaction arm to a more solid and secure position.  
  
NOTE: Remain clear of the reaction arm during operation and never put body parts between reaction arm and reaction surface.
- **ALWAYS USE QUALITY ACCESSORIES.** Always use top quality impact sockets in good condition which are the correct size and fully engage the nut. Hidden flaws, however, remain a possibility which could cause break, so stay clear of sockets during operation.
- **DO NOT USE** other equipment to enhance performance. (Hammer on Socket/Tool)
- **NOTE:** HYTORC Pumps are designed to operate HYTORC Tools only. Damage may occur to the pump or product that is being operated due to misuse.

**SAVE THESE INSTURCTIONS FOR FUTURE USE!**