



HYTORC
Since 1968

Tool Model:14XLCT W/ #11, #13 or #14 Hex Link
Pressure/Torque Conversion Chart

PRESSURE IN: PSI	TORQUE IN:			PRESSURE IN: BAR
	ft-lbs	KGM	NM	
1500	2279	315	3090	104
1600	2431	336	3296	110
1800	2735	378	3708	124
2000	3039	420	4119	138
2200	3343	462	4531	152
2400	3647	504	4943	165
2600	3951	546	5355	179
2800	4254	588	5767	193
3000	4558	630	6179	207
3200	4862	672	6591	220
3400	5166	714	7003	234
3600	5470	756	7415	248
3800	5774	799	7827	262
4000	6078	841	8239	276
4200	6382	883	8651	290
4400	6685	925	9063	303
4600	6989	967	9475	317
4800	7293	1009	9887	331
5000	7597	1051	10299	345
5200	7901	1093	10711	358
5400	8205	1135	11123	372
5600	8509	1177	11535	386
5800	8813	1219	11946	400
6000	9117	1261	12358	414
6200	9420	1303	12770	427
6400	9724	1345	13182	441
6600	10028	1387	13594	455
6800	10332	1429	14006	468
7000	10636	1471	14418	482
7200	10940	1513	14830	496
7400	11244	1555	15242	510
7600	11548	1597	15654	524
7800	11852	1639	16066	538
8000	12155	1681	16478	552
8200	12459	1723	16890	565
8400	12763	1765	17302	579
8600	13067	1807	17714	593
8800	13371	1849	18126	607
9000	13675	1891	18538	620
9200	13979	1933	18950	634
9400	14283	1975	19361	648
9600	14686	2017	19773	662
9800	14890	2059	20185	676
10000	15194	2101	20597	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!