HYTORC

TOOL MODEL: HY-14XLCT

PRESSURE/TORQUE CONVERSION CHART

Standard Torque Chart

PRESSURE IN PSI	TORQUE IN FT.LBS.	TORQUE IN KGM	TORQUE IN NM	PRESSURE IN BAR
1500	2010	278	2725	104
1600	2144	297	2906	110
1800	2412	334	3270	124
2000	2680	371	3633	138
2200	2948	408	3996	152
2400	3216	445	4360	165
2600	3484	482	4723	179
2800	3752	519	5086	193
3000	4020	556	5450	207
3200	4288	593	5813	220
3400	4556	630	6176	234
3600	4824	667	6539	248
3800	5092	704	6903	262
4000	5360	741	7266	276
4200	5628	778	7629	290
4400	5896	815	7993	303
4600	6164	852	8356	317
4800	6432	890	8719	331
5000	6700	927	9083	345
5200	6968	964	9446	358
5400	7236	1001	9809	372
5600	7504	1038	10172	386
5800	7772	1075	10536	400
6000	8040	1112	10899	414
6200	8308	1149	11262	427
6400	8576	1186	11626	441
6600	8844	1223	11989	455
6800	9112	1260	12352	468
7000	9380	1297	12716	482
7200	9648	1334	13079	496
7400	9916	1371	13442	510
7600	10184	1408	13805	524
7800	10452	1446	14169	538
8000	10720	1483	14532	552
8200	10988	1520	14895	565
8400	11256	1557	15259	579
8600	11524	1594	15622	593
8800	11792	1631	15985	607
9000	12060	1668	16349	620
9200	12328	1705	16712	634
9400	12596	1742	17075	648
9600	12864	1779	17438	662
9800	13132	1816	17802	676
10000	13400	1853	18165	690

* ISO DOCUMENT 9000

REV. 09/1993

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 INSTUCTIONS.**
- **KEEP WORK AREA CLEAN AND WELL LIT.**
- **CONSIDER WORK AREA ENVIRONMENT.**Electrical Pumps should never be used in an 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 AGAINS ELECTRIC SHOCK.** Ensure the pump is properly grounded and the proper voltage is being used
- **STORE IDLE TOOLS.** When not in use, tool sand 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 a 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, uni-swivels, pump power or remote cords as means of moving the equipment.
- **MAINTAIN TOOLS WITH CARE.** For top performance, inspect tools, powerpack and accessories for visual damage frequently and always prior to use. Always follow instruction 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.
    - Ensure the square drive and its retainer are fully and securely engaged.
    - Be certain that all connectors, elbows, fitting and swivels are not bent, loose or damaged.
- **PRIOR TO USE.**
    - Check sockets for size, quality and flaws. (Do not use if questionable)
    - 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 andsecure position.

  NOTE: Remain clear of the reaction arm during operation and never put body parts between reaction arm and reaction surfaces.
- **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 breakage, so stay clear of sockets during operation
- **DO NOR 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 the product that is being operated due to misuse.

SAVE THESE INSTRUCTIONS FOR FUTURE USE!