HYTORC

TOOL MODEL: HY-60XLCT

PRESSURE/TORQUE CONVERSION CHART

Standard Torque Chart

PRESSURE IN PSI	TORQUE IN FT.LBS.	TORQUE IN KGM	TORQUE IN NM	PRESSURE IN BAR
1500	8867	1226	12020	104
1600	9458	1308	12821	110
1800	10640	1472	14424	124
2000	11822	1635	16026	138
2200	13004	1798	17628	152
2400	14186	1962	19231	165
2600	15369	2125	20834	179
2800	16551	2289	22436	193
3000	17733	2452	24039	207
3200	18915	2616	25641	220
3400	20097	2779	27244	234
3600	21280	2943	28847	248
3800	22462	3106	30449	262
4000	23644	3270	32052	276
4200	24826	3433	33654	290
4400	26008	3597	35257	303
4600	27191	3760	36860	317
4800	28373	3924	38462	331
5000	29555	4087	40065	345
5200	30737	4251	41667	358
5400	31919	4414	43270	372
5600	33102	4578	44873	386
5800	34284	4741	46475	400
6000	35466	4905	48078	414
6200	36648	5068	49680	427
6400	37830	5232	51283	441
6600	39013	5395	52885	455
6800	40195	5559	54488	468
7000	41377	5722	56091	482
7200	42559	5886	57693	496
7400	43741	6049	59296	510
7600	44924	6213	60898	524
7800	46106	6376	62501	538
8000	47288	6540	64104	552
8200	48470	6703	65706	565
8400	49652	6867	67309	579
8600	50835	7030	68911	593
8800	52017	7194	70514	607
9000	53199	7357	72117	620
9200	54381	7521	73719	634
9400	55563	7684	75322	648
9600	56746	7848	76924	662
9800	57928	8011	78527	676
10000	59110	8175	80130	690

* ISO DOCUMENT 9000

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!