HYTORC

TOOL MODEL: HY-8XLCT

PRESSURE/TORQUE CONVERSION CHART

Standard Torque Chart

PRESSURE IN PSI	TORQUE IN FT.LBS.	TORQUE IN KGM	TORQUE IN NM	PRESSURE IN BAR
1500	1143	158	1549	104
1600	1234	171	1673	110
1800	1417	196	1921	124
2000	1600	221	2169	138
2200	1754	243	2377	152
2400	1907	264	2585	165
2600	2061	285	2794	179
2800	2214	306	3002	193
3000	2368	327	3210	207
3200	2533	350	3434	220
3400	2698	373	3658	234
3600	2864	396	3882	248
3800	3029	419	4106	262
4000	3194	442	4330	276
4200	3358	464	4552	290
4400	3522	487	4774	303
4600	3685	510	4996	317
4800	3849	532	5218	331
5000	4013	555	5440	345
5200	4176	578	5662	358
5400	4340	600	5883	372
5600	4503	623	6105	386
5800	4667	645	6326	400
6000	4830	668	6548	414
6200	4996	691	6772	427
6400	5161	714	6997	441
6600	5327	737	7221	455
6800	5492	760	7446	468
7000	5658	783	7670	482
7200	5825	806	7896	496
7400	5992	829	8122	510
7600	6158	852	8348	524
7800	6325	875	8574	538
8000	6492	898	8801	552
8200	6658	921	9025	565
8400	6823	944	9250	579
8600	6989	967	9474	593
8800	7154	989	9699	607
9000	7320	1012	9923	620
9200	7486	1035	10148	634
9400	7652	1058	10374	648
9600	7819	1081	10599	662
9800	7985	1104	10824	676
10000	8151	1127	11050	690

* ISO DOCUMENT 9000

REV. 1/27/1997

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!