



HYTORC

CERTIFICATE OF CALIBRATION

HYTORC Division, UNEX Corporation
100 Wesley St.
South Hackensack, New Jersey 07606
Phone: 201-512-9500

PJLA Accreditation # 66167

CUSTOMER HYTORC South Hackensack, 100 Wesley St., South Hackensack, New Jersey 07606, P.O. #
USA
MANUFACTURER HYTORC
TOOL MODEL STEALTH 22
STATED ACCURACY ±3% OF HYTORC STANDARD PRESSURE/TORQUE CONVERSION CHART
TORQUE RANGE 3,250 to 21,875 Lb.ft. **PRESSURE RANGE** 1,500 to 10,000 psi
W.O. # NA
SERIAL # S22F2410-90
ASSET # NA

PROCEDURE AND METHOD USED

319 Hydraulic Torque Tool Calibration on AKO R3.1 Version 3.1

CALIBRATION EQUIPMENT USED

Torque Specialties TORQUE MASTER Automated Hydraulic Calibration System

[X] TSD40011, s/n 6675, 0 to 40000 ft.lb. Torque Cell with TSD6500-6 s/n 20900 Instrument, NIST Traceability Reference # 402044, Calibration Date: 10/26/2023, Calibration Due Date 01/2025, Accuracy within ±0.75 Indicated Value.

[X] TSD10KPT, s/n 203000, 0 to 10000 psi Pressure Transducer with TSD6500-6 s/n 20900 Instrument, NIST Traceability Reference # 302085, Calibration Date: 10/26/2023, Calibration Due Date 01/2025, Accuracy within ±0.25 Indicated Value.

Calibration performed at Temperature 65°F

Relative Humidity 55%

Pressure [psi]	HYTORC Standard Torque [Lb.ft]	As Found / As Left Torque [Lb.ft]	MIN Torque [Lb.ft]	MAX Torque [Lb.ft]
1,500	3,250	3,260 ✓	3,152	3,347
2,000	4,360	4,375 ✓	4,229	4,490
3,000	6,570	6,640 ✓	6,372	6,767
4,000	8,720	8,845 ✓	8,458	8,981
5,000	10,780	10,930 ✓	10,456	11,103
6,000	13,105	13,370 ✓	12,711	13,498
7,000	15,289	15,525 ✓	14,830	15,747
8,000	17,490	17,620 ✓	16,965	18,014
9,000	19,680	19,940 ✓	19,089	20,270
10,000	21,875	22,115 ✓	21,218	22,531

AS FOUND / AS LEFT tool STEALTH 22 serial# S22F2410-90 is WITHIN STANDARDS OF ACCURACY

CALIBRATED BY: Chris Smith

APPROVED BY: Pietro Barcia
Lab Manager

CERTIFICATE #: M2-40K-241223084551

CALIBRATION DATE: December 23, 2024

HYTORC-Hustach
ZA DE MONTEPY

UNCERTAINTY: 0.6% of reading

DATE TOOL PURCHASED: 03/01/2019

Calibrations are in accordance with requirements of ISO/IEC 17025:2017. Calibration results were obtained using equipment capable of producing results that are traceable to NIST and through NIST to the International System of Units (SI). Expanded uncertainties expressed at approximately 95% confidence level using a coverage factor of 2 was accounted for in making compliance/non compliance decision with specification, and are available upon request within 30 days of calibration. Results are valid for 12 months after item calibrated at the time of test. This certificate shall not be reproduced except in full without the written permission of HYTORC Division, UNEX Corporation. Calibration results are based on +/- tolerance only. Many factors may cause an item to drift out of tolerance before the next scheduled calibration.

(created with HY-Cal v1.3.2)



TABLE DE CONVERSION PRESSION/COUPLE

Affectée à la clé **STEALTH 2** N°**S22F2410-90**
avec cartouche hexagonale

Suivant constat de vérification du **23/12/2024**
Constat n°M2-40K-241223084551
Mise en service le 29/01/2025

Régler la pression choisie
sur la pompe pour obtenir
le couple souhaité.

**Exemple: pour obtenir
9604Nm il faut régler la
pression de la pompe à
220 bars ou 3200 PSI**

PSI	BAR	Couple en Nm
1000	70	2947
1200	84	3536
1400	98	4126
1600	110	4746
1800	124	5339
2000	138	5933
2200	152	6526
2400	165	7119
2600	179	7803
2800	193	8404
3000	207	9004
3200	220	9604
3400	234	10204
3600	248	10794
3800	262	11394
4000	276	11994
4200	290	12594
4400	303	13193
4600	317	13635
4800	331	14228
5000	345	14821
5200	358	15414
5400	372	16007
5600	386	16921
5800	400	17525
6000	414	18130
6200	427	18734
6400	441	19338
6600	455	19849
6800	468	20450
7000	482	21052
7200	496	21653
7400	510	22255
7600	524	22698
7800	538	23295
8000	552	23893
8200	565	24490
8400	579	25087
8600	593	25837
8800	607	26438
9000	620	27039
9200	634	27639
9400	648	28240
9600	662	28788
9800	676	29388
10000	690	29988

HYTORC®
Hustach

Hytorc-Hustach - 179 Rue de Montépy, 69210 Fleurieux-sur-l'Arbresle, +33 (0) 4 78 33 39 19

Siret: 808 881 189 000 27 / RCS Lyon: 808 881 189 / TVA: FR 11808 881 189

E-mail : contact@hytorc-ce.com | hytorc-hustach.com | hytorc-services.com