

1600 E. Murdock Wichita, KS 67214

For Maintenance or Recalibration call:  
Phone: (866) 384-3010  
Fax: (316) 686-3151



# Torque Multiplier

## Calibration Report For:

### EnXco - Schaller IA

506 West 2nd Street  
Schaller, IA 51053

Calibration Date:	02 Aug 2011
Calibration Number:	110802.25D.1
Temperature:	Not Available
Humidity:	Not Available

### Test Instrument Identification

Manufacturer:	NORWOLF	Model:	MISSING LINK 46MM
Type:	Torque multiplier	Serial Number:	TC-050-4-1-273

Input Torque (FT-LB)	Output Torque (FT-LB)	Multiplication Ratio (Output:Input)
32	96	3.00:1
64	230	3.59:1
96	372	3.88:1
128	526	4.11:1
160	688	4.30:1

Average Multiplication Ratio:	<b>3.9833:1</b>
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### Remarks

This torque multiplier was tested in the absence of any side-loading. Readings were taken at 20% increments of the tool's maximum input torque. "Average Multiplication Ratio" is the total output divided by the total input.

Technician Comments:

Kyle Koochel, Calibration Technician

### Notes

- A. This accredited organization maintains both A2LA accreditation to ISO/IEC 17025 for the specific tests/calibrations listed in A2LA Certificate #3040.01, and ISO 6789.
- B. Environmental conditions were held within MobileCal's standards of 60 to 88 degrees Fahrenheit and below 90% relative humidity.
- C. Procedures for this calibration method are outlined in the MobileCal Quality Management Procedure Manual Version 3.0.
- D. All standards and associated equipment used to calibrate this instrument have been calibrated and are traceable to A2LA accreditation and the National Institute of Standards and Technology (NIST).
- E. Customer acknowledges and agrees that MobileCal's standard sales terms and conditions are incorporated herein by reference and made a part of this calibration report.
- F. This document relates only to the test instrument listed on this certificate and cannot be reproduced, except in full, without written approval of MobileCal.
- G. Calibration performed and valid for Clockwise Direction only.
- H. This calibration document is followed by a Calibration Schedule page.



### Calibration Laboratory Location #5: Certification Schedule

Capacity	Item	Serial #	Report #	Date Due Cal
100 INLB	AWS LOAD CELL	10196-1	10196-1:1330001416	03/25/2014
500 INLB	AWS LOAD CELL	10196-2	10196-2:1330002500	03/25/2014
250 FTLB	AWS LOAD CELL	10450-1	26553	06/14/2014
600 FTLB	AWS LOAD CELL	10450-2	26553	06/14/2014
1500 FTLB	AWS LOAD CELL	10450-3	26553	06/14/2014
250 FTLB	AWS LOAD CELL	7914-1	M3311007-1	02/06/2014
1000 FTLB	AWS LOAD CELL	7914-2	M3311007-2	02/06/2014
5000 FTLB	AWS LOAD CELL	M11963	24514	08/12/2014
25000 FTLB	AWS LOAD CELL	7874-1	24843	Out For Calibration
300 PSI	DRUCK	3351599	1314953051-2	09/16/2014
5000 PSI	DRUCK	3108944	1314954418	07/23/2014
10000 PSI	DRUCK	3388037	1314950308-2	11/16/2013
15000 PSI	VIATRAN TRANSDUCER	439641	43010.001	04/11/2014
30000 PSI	ADDITEL	211H13050006	91300274	04/11/2014
Electrical	FLUKE	2364803	F566016	03/28/2014
Electrical	FLUKE	B1B660	4181:B113660	11/16/2013
Electrical	FLUKE	170062467	1583873-170067462 1344629754	09/16/2014
Temp/RH	Dickson	12143114	1-BY7Z-L-332	10/10/2014
Temp/RH	Dickson	12143119	1-BZ69C-2-2	10/02/2014