

ISO 9001:2008, ISO 14001:2004 AND OHSAS 18001:2007 REGISTERED

SIVACO Ontario

a Division of SIVACO Wire Group L.P.

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Physical Test Report

WORK ORDER **082932**

HEAT NUMBER A06338

SALES ORDER / RLS 052809 / 4 CERT ID / REV 00044168 / 01

SOLD TO

Windsor Machine & Stamping (US) Ltd 26655 NorthLine Road Taylor, MI 48180 United States

Attn: Quality Assurance

CUSTOMER P.O. STOCK		CUSTOMER PART SUB. FOR 15.0MM			QUANTITY 4,146 lb		E LADING NO 2 00056772		SHIPMENT DATI 04/08/2013	
SPECIFICATION 0.5910" (15.0) Non-Alloy Wil Diam. >= 1.5n Carbon < 0.25	mm) 1018 re, Heat 1 nm (0.060	Freated	R., Clean/L	ime, Wind:	sor Machine	& Stampin	ıg (US, 72	17.10.503	; 0	
CUSTOMER REC	UIREMENT	rs								
			(Chemical (value of 9 = r	/a)				
C .160	Mn .62	P .011	s .010	si .21	Cu .16	Ni .08	Cr .09	Mo .039	Sn .009	Al .005
в .0001	v .002	N .0072								
				Mechanic	cal - Summar	у				
<u>TEST</u> Diameter (inc	h)	<u>L</u> iı	<u>inits</u> n			<u>НІБН</u> .591		<u>LOW</u> .591	<u>AVERAGE</u> 0.591	
Tensile (psi)		р	si			70361	70361			70361
				End of 0	Certification					

I attest that the results are a true and correct copy of the records prepared and maintained by SIVACO Ontario in compliance with the requirements of the cited specification. Chemistry is as reported by the rod / bar supplier. This test report cannot be reproduced or distributed, except in full, without the written permission of SIVACO Ontario.

Authorized by: Gary Allard, QA Manager