

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

SIVACO Ontario

a Division of SIVACO Wire Group L.P.

330 Thomas Street PO Box 220 Ingersoll, Ontario CANADA N5C 3K5

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Physical Test Report

WORK ORDER **079941**

HEAT NUMBER **A10905**

SALES ORDER / RLS 050281 / 4 CERT ID / REV 00041054 / 01

SOLD TO

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

Attn: Quality Assurance

CUSTOMER P.O. CUSTOMER PART					QUANTI 8,216 lk		LADING 00055			PMENT DATE 03/2013
SPECIFICATION 12.50mm (0.4 Hot Rolled R	l921") 101						amping	(US, 7213.9	91.6000	
CUSTOMER REC	QUIREMENT	rs								
			(Chemical (value of 9 =	n/a)				
C .10	Mn .53	P .023	s .021	si .15	Cu .23	Ni .07	Cr .11	Mo .025	Sn .010	Al .004
.000	.001	N .0099								
				Mechanic	al - Summa	ary				
TEST Diameter (inch)			<u>INITS</u> n			<u>нідн</u> . 493		<u>LOW</u> .491	<u>AVERAGE</u> 0.492	
Tensile (psi)		psi				64432		63920	64176	
				End of C	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