

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 **077867** 

HEAT NUMBER **A09875** 

SALES ORDER / RLS 049239 / 4 CERT ID / REV 00038676 / 01

SOLD TO

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

**Attn: Quality Assurance** 

CUSTOMER P.O. CUSTOMER PART IROQUIOS					QUANTITY COILS LADING NO <b>4,144 lbs 2 00054191</b>				SHIPMENT DATE <b>10/01/2012</b>		
SPECIFICATION 13.00mm (0.5 Hot Rolled Ro	5118") 101						hine & St	amping Ltd	d, 7213.91	.6000	
CUSTOMER REC	QUIREMENT	-S									
			C	Chemical (	value of 9	= n/a)					
C .15	Mn .71	P .017	s .015	Si .20	Cu .24	Ni .07	Cr .15	Mo .024	Sn .012	Al .005	
B .0002	.002	N .0059									
				Mechanic	cal - Summ	ary					
TEST Diameter (inc	ch)	<u>UNITS</u> <b>in</b>				<u>HIGH</u> .512		<u>LOW</u> .508	<u>AVERAGE</u> <b>0.510</b>		
Tensile (psi)		psi				75974		70423		73383	
				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