

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 086165

HEAT NUMBER A12439 SALES ORDER / RLS 054966 / 2 CERT ID / REV 00047339 / 01

SOLD TO

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

CUSTOMER P.O. CUSTOMER			OMER PART QUIOS			IDS	DILS LADIN 5 00058		SHIPMENT DATE 07/25/2013	
SPECIFICATION 13.00mm (0. Hot Rolled R	5118") 101							tamping Lt	d, 7213.9 <sup>.</sup>	1.6000
CUSTOMER RE		ſS								
				Chemical	(value of 9	9 = n/a)				
C .1600	Mn .6400	P .0080	s .0050	si .1600	Cu .2200	Ni .0700	Cr .0800	Мо .0240	Sn .0110	Al .0030
в .0000	v .0040	N .0083								
				Mechan	ical - Sum	mary				
<u>TEST</u> Diameter (inch)			<u>JNITS</u> <b>n</b>			<u>нідн</u> <b>.514</b>		<u>LOW</u> .510	<u>AVERAGE</u> 0.512	
Tensile (psi)		I	osi			71464		70423		70992
				End of	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 Q