

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 **085419**

HEAT NUMBER **A12059**

SALES ORDER / RLS 054494 / 2 CERT ID / REV 00046386 / 01

SOLD TO

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

Attn: Quality Assurance

Hot Rolled Rods Dia.<14.0mm (0.551"),Further Processed,Carbon < 0.60% CUSTOMER REQUIREMENTS										
	. QOINEINEIVI			Chemical	(value of 9	9 = n/a)				
C .1600	Mn .6600	P .0100	s .0130	si .2200	Cu .1900	Ni .0700	Cr .0800	Mo .0210	sn .0100	A1 .0050
B .0000	v .0040	N .0070								
				Mechan	ical - Sum	mary				
TEST Diameter (inch)		<u>UNITS</u> in				<u>нідн</u> . 513		<u>LOW</u> . 510	<u>AVERAGE</u> 0.511	
Tensile (psi)		psi				73135		71118		72342
				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