



SIVACO
ONTARIO
A HEICO COMPANY

ISO 9001:2000, 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
(519) 485-4150 Fax (519) 485-3039

Physical Test Report

WORK ORDER
039760

LOT NUMBER
A91666

SALES ORDER / RLS
022837 / 1

CERT ID / REV
00005299 / 01

SOLD TO

Windsor Machine Products Inc
26655 NorthLine Road
Taylor, MI 48180
United States
Attn: Quality Assurance

CUSTOMER P.O. STOCK	CUSTOMER PART	QUANTITY 7,990 lbs	COILS 2	LADING NO 00035911	SHIPMENT DATE 03/13/2009					
SPECIFICATION WCH1541565-05 0.5650" (14.35mm) 1541 CHQ, SAFS, Clean/Phos/Lube, Windsor Machine & Stamping Ltd, 7217.10.8010										
CERTIFICATION REQUIREMENTS										
Chemical (value of 9 = n/a)										
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al
.4200	1.4000	.0130	.0100	.2400	.1200	.0500	.0900	.0180	.0080	.0050
B	V	N								
.0000	.0030	.0078								
Mechanical - Summary										
<u>TEST</u>	<u>UNITS</u>	<u>HIGH</u>	<u>LOW</u>	<u>AVERAGE</u>						
Diameter (inch)	in	.566	.565	0.566						
Tensile (psi)	psi	73132	72597	72821						
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: Graham Benoit, QA Manager