



**SIVACO**  
ONTARIO  
A HEICO COMPANY

ISO9001:2000 and ISO14001:2004 Registered

**SIVACO Ontario**  
a Division of SIVACO Wire Group L.P.  
330 Thomas Street  
PO Box 220  
Ingersoll, Ontario CANADA  
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(519) 485-4150 Fax (519) 485-3039

# Physical Test Report

WORK ORDER  
**039505**

LOT NUMBER  
**A95571**

SALES ORDER / RLS  
**022672 / 1**

CERT ID / REV  
**00004504 / 01**

SOLD TO

**Wayne Mfg Inc.**  
**26655 NorthLine Road**  
**Taylor, MI 48180**  
**United States**  
**Attn: Quality Assurance**

CUSTOMER P.O. <b>STOCK</b>	CUSTOMER PART	QUANTITY <b>16,620 lbs</b>	COILS <b>5</b>	LADING NO <b>00034941</b>	SHIPMENT DATE <b>12/17/2008</b>					
SPECIFICATION <b>WCH1541565-05</b> <b>0.5650" (14.35mm) 1541 CHQ, SAFS, Clean/Phos/Lube, Wayne Mfg. Inc., 7217.10.8010</b>										
CERTIFICATION REQUIREMENTS										
<b>Chemical (value of 9 = n/a)</b>										
<b>C</b>	<b>Mn</b>	<b>P</b>	<b>S</b>	<b>Si</b>	<b>Cu</b>	<b>Ni</b>	<b>Cr</b>	<b>Mo</b>	<b>Sn</b>	<b>Al</b>
.3600	1.4600	.0140	.0150	.2600	.1400	.0600	.0800	.0150	.0160	.0050
<b>B</b>	<b>V</b>	<b>N</b>								
.0000	.0020	.0082								
<b>Mechanical - Summary</b>										
<u>TEST</u>	<u>UNITS</u>	<u>HIGH</u>	<u>LOW</u>	<u>AVERAGE</u>						
<b>Diameter (inch)</b>	<b>in</b>	<b>.566</b>	<b>.564</b>	<b>0.565</b>						
<b>Tensile (psi)</b>	<b>psi</b>	<b>75914</b>	<b>72058</b>	<b>73984</b>						
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