

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 **084064** 

HEAT NUMBER W34199

SALES ORDER / RLS 053585 / 4 CERT ID / REV 00045255 / 01

SOLD TO

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

|  |                 | 040440 04          |            |             | 7,532         |                             | 4 00057     |                    |                                | /13/2013    |
|--|-----------------|--------------------|------------|-------------|---------------|-----------------------------|-------------|--------------------|--------------------------------|-------------|
| SPECIFICATIO<br>14.30mm (0.<br>7213.99.003<br>Hot Rolled F | 5630") 101<br>0 | ·                  | Clean/Coa  | •           | •             | ·                           |             | -                  | ng (US,                        |             |
| CUSTOMER RE  | QUIREMENT       | rs                 |            |             |               |                             |             |                    |                                |             |
|  |                 |                    |            | Chemical    | (value of 9   | ) = n/a)                    |             |                    |                                |             |
| C<br>.1900   | Mn<br>.7500     | P<br>.0050         | s<br>.0040 | si<br>.0600 | Cu<br>.0400   | Ni<br>.0700                 | Cr<br>.0600 | Mo<br>.0050        | Sn<br>.0020                    | Al<br>.0390 |
| .0001  | v<br>.0030      | N<br>.0043         |            |             |               |                             |             |                    |                                |             |
|  |                 |                    |            | Mechan      | ical - Sumi   | mary                        |             |                    |                                |             |
| TEST Diameter (inch)                                       |                 | <u>UNITS</u><br>in |            |             |               | <u>нідн</u><br>. <b>561</b> |             | <u>LOW</u><br>.560 | <u>AVERAGE</u><br><b>0.561</b> |             |
| Tensile (psi)  |                 | psi                |            |             |               | 66991                       |             | 65534              |                                | 66263       |
|  |                 |                    |            | 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