

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 **079556**

HEAT NUMBER W31819

SALES ORDER / RLS 050278 / 6 CERT ID / REV 00040843 / 01

SOLD TO

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

Attn: Quality Assurance

13.00mm (0.5118") 1018 IQ, Clean/Coat, Clean/Phos/Polymer, Windsor Machine & Stamping Ltd, 7213.91.6000 Hot Rolled Rods Dia.<14.0mm (0.551"),Further Processed,Carbon < 0.60%										
USTOMER RE	EQUIREMENT	S								
				Chemical	(value of 9	9 = n/a)				
C .1600	Mn .7400	P .0050	s .0100	si .1700	Cu .0400	Ni .0500	Cr .0400	Mo .0070	Sn .0030	Al .0010
В .0002	v .0020	N .0043								
				Mechan	ical - Sum	mary				
TEST Diameter (inch)		<u>UNITS</u> in				<u>нідн</u> .513		<u>LOW</u> .511	<u>AVERAGE</u> 0.512	
Tensile (psi)		psi				6966	66	68215		69039
				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