

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 **078598** 

HEAT NUMBER A10107

SALES ORDER / RLS 049726 / 2 CERT ID / REV 00039614 / 01

SOLD TO

G & R Forging 7072 Smith Industrial Drive McGregor, ON N0R 1J0 Canada

CUSTOMER P.O. <b>stock</b>	CUSTOMER PART				QUANTI <b>15,836 lk</b>		S LADING NO <b>3 00054651</b>			SHIPMENT DATE 11/02/2012	
SPECIFICATION PIQ101814.3-03S 14.30mm (0.5630") 1018 KP, Stress Relieve, Clean/Lime, G&R Cold Forging,											
CUSTOMER REQ	UIREMEN	TS									
			(	Chemical (	value of 9 =	n/a)					
С	Mn	P	s	si	Cu	Ni	Cr	Мо	Sn	Al	
.15	.61	.009	.012	.19	.13	.05	.08	.010	.008	.003	
В	v	N									
.0003	.001	.0069									
				Mechanic	cal - Tag De	tail					
		DIAs T	JTSs								
360590021A		.560 63	1307								
360590021B			1307								
360590041A			1125								
360590041B			1125								
360590051A			2702								
360590051B			2702								
360590081A			0680								
360590081B		.561 60	0680								
				End of 0	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