

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 **073237**

HEAT NUMBER **A07899**

SALES ORDER / RLS 045812 / 1 CERT ID / REV 00033673 / 01

SOLD TO

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

Attn: Quality Assurance

CUSTOMER P.O. CUSTOMER PART 12.0mm 1018 KP					QUANTITY 19,672 lbs		OILS LADIN 10 0005		SHIPMENT DATE 04/03/2012	
SPECIFICATION PIQ1018120-24KP 12.00mm (0.4724") 1018 KP, Clean/Coat, Clean/Lime, Windsor Machine & Stamping (US, 7213.99.0030 Hot Rolled Rods Dia.>=14.0mm (0.551") but <19.0mm (0.748"), Further Processed or Not										
CUSTOMER REC	QUIREMEN	TS								
				Chemical	(value of 9) = n/a)				
C .1800	Mn .6500	.0060		si .2000	Cu .1400	Ni .0500	Cr .0600	Mo .0190	Sn .0100	A1 .0030
.0000	v .0000	.0083								
				Mechan	ical - Tag I	Detail				
		DIAs	UTSs							
61690011A		.471	72331							
61690011B 61690031A		.471 .470	72331 72622							
61690031A		.470	72622							
61690031B		.473	71713							
51690041B		.473	71713							
51690101A		.476	72472							
61690101B		.476	72472							
649566-10A		.473	72851							
649566-10B		.473	72851							
				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