


INSPECTION SERVICES AND ENGINEERING CERTIFICATION
AB: 780.870.1547 SK: 306.250.9294 Head Office Mail: P.O. Box 10524 Lloydminster, AB T9V 3A6
INSPECTION REPORT

EQUIPMENT LOCATION:	Lloydminster, Alberta	NDT PROCEDURE#:	INSP-001
EXAMINATION COVERAGE:	RANDOM: <input type="checkbox"/> 5% <input type="checkbox"/> 10% <input type="checkbox"/> 25% <input type="checkbox"/> 50% <input type="checkbox"/> 75% <input type="checkbox"/> 100% <input checked="" type="checkbox"/>		
ACCEPTANCE CRITERIA:	CSA W59 <input type="checkbox"/> ISO 9927-1 <input type="checkbox"/> CAODC RP <input type="checkbox"/> OTHER: <input checked="" type="checkbox"/>		
INSPECTION METHOD:	VT <input checked="" type="checkbox"/> UT <input checked="" type="checkbox"/> MT WET FLOURESCENT <input checked="" type="checkbox"/> MT WET BLACK <input type="checkbox"/> MT DRY RED <input type="checkbox"/>		
EQUIPMENT INFO:	BLACK LIGHT MAKE - INOVA	LIGHT METER # 1822158	MAG COIL # RC1-30120121

CLIENT:	K&S Power Tongs	UNIT/RIG:	KSV007
EQUIPMENT:	Volant Tool	MAKE/MODEL:	Volant CRTi3-7.0
RATING:	N/A	SERIAL NUMBER:	KSV007

EQUIPMENT PHOTOS

INSPECTION RESULTS

ACCEPTABLE:	<input checked="" type="checkbox"/>	REJECTED:	<input type="checkbox"/>	DATE OF INSPECTION:	May 6, 2019
TECHNICIAN:			COMMENTS:		
 <p>cn=Levi Kuhn, o=Index NDT Inspections Ltd., ou=Index NDT Inspections Ltd., email=LEVI@IND EXNDT.CA, c=CA</p>			<p>Part:</p> <p>Mandrel Cage Upper Cam Lower Cam Cam Latch Cam Int. Die - 7.0(17-26lbs.) Die - 7.0(17-26lbs.) Die - 7.0(17-26lbs.) Die - 7.0(17-26lbs.) Die - 7.0(17-26lbs.) Die - 7.0(17-26lbs.) Die - 8 5/8" (24-32lbs.) Die - 8 5/8" (24-32lbs.) Die - 8 5/8" (24-32lbs.) Die - 8 5/8" (24-32lbs.) Die - 8 5/8" (24-32lbs.)</p> <p>Serial#:</p> <p>82306-03-4527A01-01 82856-4501A02-12 81190-4517A04-04 81191-4527A05-04 80813-4517A07-02 80810-4527A03-02 80928-01-4411A15-28 80928-01-4419A01-02 80928-01-4419A01-03 80928-01-3J1145-02 80928-01-4555807-45 80987-02-4395A20-08 80987-02-4395A20-09 80987-02-4395A20-12 80987-02-4395A20-13 80987-02-4395A20-14</p> <p>Material Thickness: 1.280/ 1.281/ 1.276/ 1.279/ 1.277</p> <p>REPAIRS: NA</p>		

QUALITY ASSURED INSPECTIONS FOR QUALITY ASSURED BUSINESSES

Except as provided herein, Index NDT Inspections Ltd. makes no warranty, express or implied with respect to the mechanical or other conditions of the equipment inspected by us. Index NDT Inspections Ltd. shall only be responsible in the event of damage resulting directly from their inspection, and in no event, shall the liability of Index NDT Inspections Ltd. exceed the cost of inspection. Our organization assumes only the responsibility of locating defects in the inspected components and welds made accessible at the time of inspection. All equipment should be cleaned to allow access to all welds and critical components. It is of the utmost importance that the unit's owner be aware that excessive coating over 10 mils can severely mask the detection of discontinuities while utilizing standard inspection techniques. We are not responsible for the mechanical or other conditions assembled condition except at customer's request.

HN-INCLUSION P-POROSITY IUC-INTERNAL UNDERCUT EUC-EXTERNAL UNDERCUT S-SLAG C-CORATOR IP-INCOMPLETE PENETRATION NF-NON-FUSION CR-CRACK PH-PIN HOLE D-DISCONTINUITY



Volant Oil Tools Inc.
4110 56th Avenue NW
Edmonton, AB T6B 3R8 CANADA

Phone 780.490.5185
Web www.volantproducts.ca

Test Certificate No.

00665

Equipment Designation

Description: Casing Running Tool (Internal)

Tool Name Mandrel-06, CRT13-7.0

Design Capacity: 640 kip

Test Temperature: 22.6 deg C

Manufacturer: Volant Oil Tools Inc.

Test Parameters

Test Date: 2015-08-05, 2:00 PM

Test Type: Load Testing

Test Load: 960 kip Minimum

Load Duration: 300 seconds (Minimum)

Test Equipment	Unique Identifier	Additional Information
Volant 5M lb Load Frame	VLF-01	Insp. Record: VOT-18328
GP:50-314 Delta P. Sensor	GP:50 Ser. # 18765	
NI 9203 4-20 mA module	NI Ser. #: 172B90E	

Test Description:

Load to 640 kip, unload, load to 960 kip, hold for 5 minutes as per Volant proof test procedure 40059.

Test Observations:

This test complies with the following standard(s)/procedure(s):

API Specification 8C, 5th Edition

40059 Volant CRT12,3-7.0 Mandrel Proof Test Procedure

Performed By:

Print Name: Ramson De Leon

Signature:

Approved By:

Print Name: M. Rahmanfayd

Signature:

Primary Load Carrying Components	Serial Number
Mandrel - 06	82306-03-4527A01-01

DELAYED USE

Date of 1st Use: JUNE 14 2017

Job #: 21028

Signed By:

