

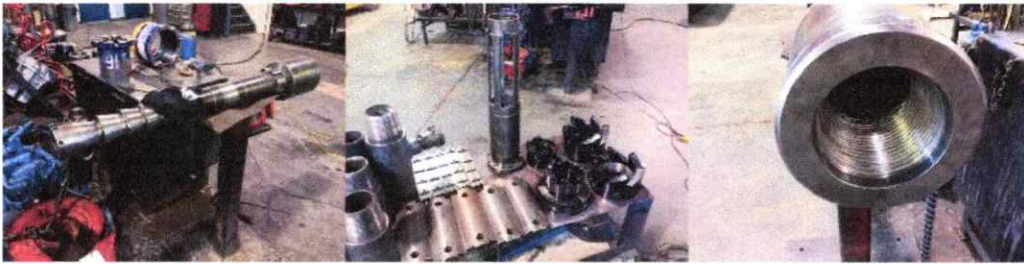
INSPECTION SERVICES AND ENGINEERING CERTIFICATION


PHONE: 780.870.1547 EMAIL: operations@indexndt.ca Head Office Mail: P.O. Box 10524, Lloydminster, AB T9V 3A6

INSPECTION REPORT

EQUIPMENT LOCATION:	Lloydminster, Alberta		NDT PROCEDURE#:	INSP-001				
EXAMINATION COVERAGE:	RANDOM:	5%	10%	25%	50%	75%	100%	X
ACCEPTANCE CRITERIA:	CSA W59	ISO 9927-1		CAODC RP		OTHER:		X
INSPECTION METHOD:	VT	X	UT	MT WET FLOURESCENT	X	MT WET BLACK	MT DRY RED	
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:	X	REJECTED:		DATE OF INSPECTION:	March 10, 2021
TECHNICIAN:			COMMENTS:		
			Part: Mandrel Cage Upper Cam Lower Cam Cam Latch Cam Int. Die - Die - Die - Die - Die -		
			Serial#: 82306-03-4527A01-01 82856-4501A02-12 81190-4517A04-04 81191-4527A05-04 80813-4517A07-02 80810-4527A03-02 80928-01-3J1145-05 80928-01-4411A15-28 80928-01-4419A01-04 80928-01-4419A01-03 80928-01-4419A01-01		
			Mandrel UT Measurements: 1.324, 1.324, 1.326, 1.329, 1.329		
			REPAIRS: NA		

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.



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

Phone 780.490.5185
Web www.volantproducts.ca

Test Certificate No.

00865

Equipment Designation

Description: Casing Running Tool (Internal)
Tool Name Mandrel-06, CRTI3-7.0
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 CRTI2-3-7.0 Mandrel Proof Test Procedure

Performed By:	Approved By:
Print Name: Ramson De Leon Signature:	Print Name: M. Rahmanfarid 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:

