

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:	<i>RANDOM:</i>	5%	10%	25%	50%	75%	100%	X	
ACCEPTANCE CRITERIA:	CSA W59	ISO 9927-1		CAOEC RP			OTHER:	X	
INSPECTION METHOD:	VT	X	UT	X	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:	KSV003
EQUIPMENT:	Volant Tool	MAKE/MODEL:	Volant CRTi2-4.5
REPORT#:	IDX-5387	SERIAL NUMBER:	KSV003

EQUIPMENT PHOTOS

INSPECTION RESULTS

ACCEPTABLE:	X	REJECTED:	DATE OF INSPECTION:	April 24, 2024
TECHNICIAN:		COMMENTS:		
		Part: Mandrel Cage Upper Cam Lower Cam Cam Latch Cam Int Die - Die - Die - Die - Die - Die -		
		Serial#: 82304-03-4402A01-03 81325-4435A17-06 81208-4498A04-11 81221-4437A05-05 81212-4498A06-01 80942-4498A03-16 80957-01-4589A11-10 80957-01-4589A11-46 80957-01-4589A11-47 80957-01-4589A11-24 80957-01-4589A11-45		
		Material Thickness: 0.853"/ 0.854"/ 0.855"/ 0.860"/ 0.859"		
		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.

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



Certificate of Testing

Volant Oil Tools Inc.
4110 56 Avenue NW
Edmonton AB T6B 3R8
Canada

t +1 780.490.5185
f +1 780.437.2187
info@volantproducts.ca
www.volantproducts.ca

Unit Name:

Part Number:

ID Number: *KSV003*

Unit Description:

Load Testing										
Test Parameters										
Target Test Load: 360 kips					Minimum Hold Time: 300 s					
Test Summary										
Test Components									Test Equipment	
Part Number	Part Name	Serial Number	Passed	Procedure	Actual Test Load	Hold Time	Test ID	Test Date	Identifier	Calibration Due
82304-03	Mandrel,CRTi-4.5,120T,SR2	4402A01-03	Passed	102870	362 kips	363 s	L01-001432	Dec 2, 2019	VLF-01	Mar 11, 2020

DELAYED USE

Date of 1st Use: *January 22, 2020*

Job #: *23015*

Signed By: *[Signature]*

This is to certify that the equipment listed was tested in accordance with the referenced Procedure(s) to meet the Proof testing requirements of API-8C, 5th Edition

Signed:

Steven Hargreaves,
Manager, Quality Assurance,
Volant Oil Tools Inc.

Date: Dec 4, 2019



ISO 9001
Quality