

INSPECTION SERVICES AND ENGINEERING CERTIFICATION

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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		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:	KSV012
EQUIPMENT:	Volant Tool	MAKE/MODEL:	Volant CRTi3-7.0
REPORT#:	IDX-9590	SERIAL NUMBER:	KSV012

EQUIPMENT PHOTOS



INSPECTION RESULTS

ACCEPTABLE:	X	REJECTED:		DATE OF INSPECTION:	April 21, 2026
TECHNICIAN:		COMMENTS:			
		Part:	Serial#:		
		Mandrel:	82306-12-3J00013444-15		
		Cage:	82856-3J6718-7		
		Upper Cam -	102348-3J6700-06		
		Lower Cam -	104338-3J5476-07		
		Cam Latch -	102351-3J6522-03		
		Cam Int -	102349-3J5834-10		
		Jaw-	80929-01-4624A16-41		
		Jaw-	80929-01-4466A01-29		
		Jaw-	80929-01-4538A03-74		
		Jaw-	80929-01-4466A01-22		
		Jaw-	80929-01-4624A16-38		
		Die-	82749-02-4473A12-03		
		Die-	82749-02-4473A12-05		
		Die-	82749-02-3J3980-17		
		Die-	82749-02-4473A12-07		
		Die-	82749-02-4473A12-01		
		UT: 1. 1.301 2. 1.299 3. 1.305 4. 1.300 5. 1.296			
		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-CRACK IP-INCOMPLETE PENETRATION NF-NON-FUSION CR-CRACK PH-PIN HOLE D-DISCONTINUITY

Certificate of Testing

Volant Oil Tools Inc. t +1 780.490.5185
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 Edmonton AB T6B 3R8 info@volantproducts.ca
 Canada www.volantproducts.ca



Load Testing

Test Parameters

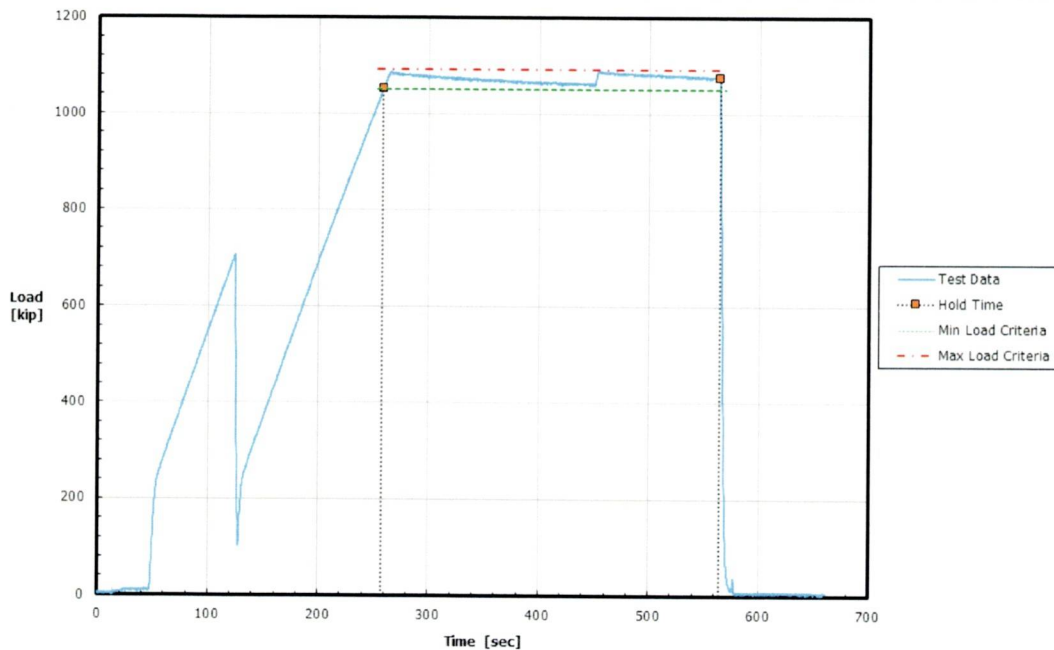
Target Test Load: 1050 kips Minimum Hold Time: 300 s

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
82306-12	Mandrel,CRTi2-7.0,350T,4.5IF,SR2	3J00013444-15	Passed	102870	1051 kips	306 s	L01-002005	Oct 11, 2023	VLF-01	Sep 30, 2024

Test Approved By: Steven Hargreaves Test Approved On: Thursday, October 12, 2023

Test Graph for L01-002005



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: Mar 28, 2024



intertek

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Test Certificate Package

Unit Name: Mandrel,CRTi2-7.0,350T,4.5IF,SR2

Unit Description: Mandrel-06, CRTi2-7.0, 4-1/2 IF Box, 350 Ton, SR2(-40C)

Part Number: 82306-12

ID Number: 3J00013444-15

This is to certify that the equipment listed was tested in accordance with the referenced Procedure(s)

A handwritten signature in black ink, appearing to read 'S. Hargreaves', is written over a light blue horizontal line.

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

Date: Mar 28, 2024



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