

## INSPECTION SERVICES AND ENGINEERING CERTIFICATION

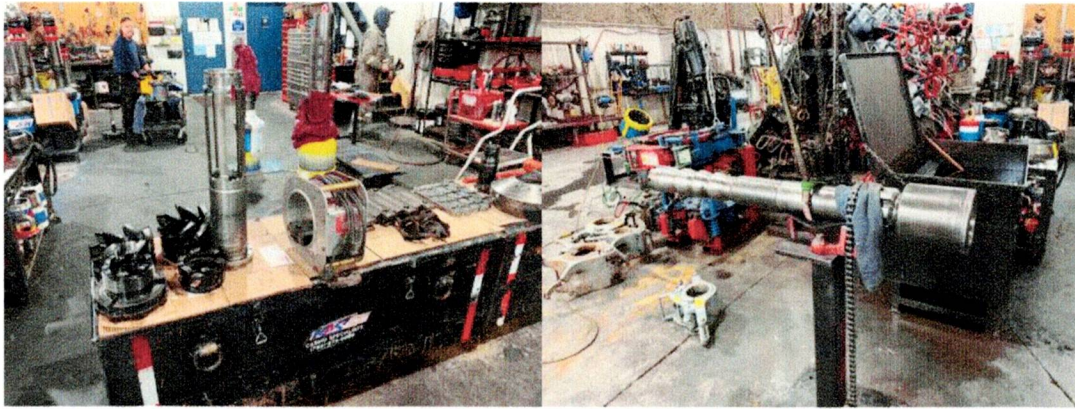
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### INSPECTION REPORT


|                       |                          |            |     |                       |                    |                         |              |            |  |
|-----------------------|--------------------------|------------|-----|-----------------------|--------------------|-------------------------|--------------|------------|--|
| 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:      | KSV001           |
| EQUIPMENT: | Volant Tool     | MAKE/MODEL:    | Volant CRTi3-7.0 |
| REPORT#:   | IDX-5343        | SERIAL NUMBER: | KSV001           |

### EQUIPMENT PHOTOS



### INSPECTION RESULTS

|   |                     |           |                     |  |
|---|---------------------|-----------|---------------------|--|
| ACCEPTABLE:   | X                   | REJECTED: | DATE OF INSPECTION: | April 17, 2024                         |
| TECHNICIAN:   |                     |           | Part:               | Serial#:                               |
|  |                     |           | Mandrel -           | 82306-03-4459A01-08                    |
|   |                     |           | Cage -              | 82856-4459A02-12                       |
|   |                     |           | Upper Cam -         | 81190-4445A04-07                       |
|   |                     |           | Lower Cam -         | 81191-4459A05-08                       |
|   |                     |           | Cam Latch -         | 80813-4459A06-05                       |
|   |                     |           | Cam Int -           | 80810-4459A03-04                       |
|   |                     |           | Die -               | 81955-02-4521A16-11                    |
|   |                     |           | Die -               | 81955-02-4521A16-17                    |
|   |                     |           | Die -               | 81955-02-4521A16-19                    |
|   |                     |           | Die -               | 81955-02-4521A16-20                    |
|   |                     |           | Die -               | 81955-02-4521A16-13                    |
|   |                     |           | Jaws-               | 80929-01-3J1147-29                     |
|   |                     |           | Jaws-               | 80929-01-3J4155-72                     |
|   |                     |           | Jaws-               | 80929-01-3J1147-27                     |
| Jaws-   | 80929-01-4624A16-40 |           |                     |  |
| Jaws-   | 80929-01-4624A16-39 |           |                     |  |
|   |                     |           | Material Thickness: | 1.258"/ 1.256"/ 1.254"/ 1.260"/ 1.259" |
|   |                     |           | 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.

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

Unit Name:

Part Number:

ID Number: *KSV001*

Unit Description:

| Load Testing               |                                  |               |        |           |                          |           |            |             |                |                 |
|----------------------------|----------------------------------|---------------|--------|-----------|--------------------------|-----------|------------|-------------|----------------|-----------------|
| Test Parameters            |                                  |               |        |           |                          |           |            |             |                |                 |
| Target Test Load: 960 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 |
| 82306-03                   | Mandrel,CRTi2-7.0,320T,4.5IF,SR2 | 4459A01-08    | Passed | 102870    | 961 kips                 | 352 s     | L01-001431 | Dec 2, 2019 | VLF-01         | Mar 11, 2020    |

**DELAYED USE**

Date of 1st Use: *January 6, 2020*

Job #: *23001*

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