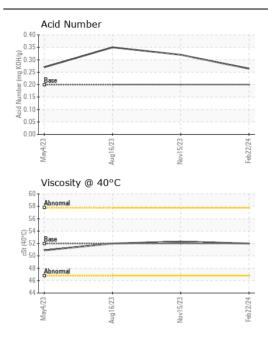
WEAR
CONTAMINATION
FLUID CONDITION

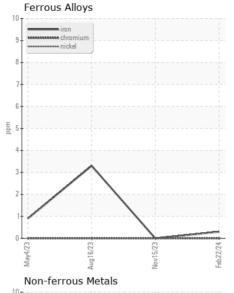
NORMAL NORMAL

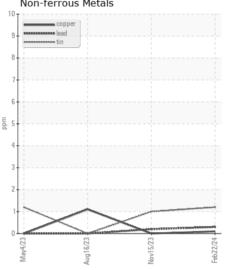
ULTRA COOLANT
Machine Id
NL1132 - VOSS PATTERN

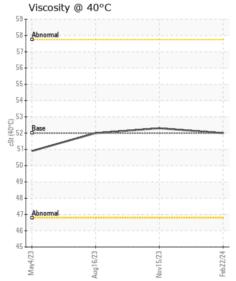
Component Compressor

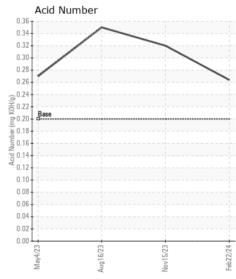
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		UCH06103093	UCH06015220	UCH05934454
	Sample Date		Client Info		22 Feb 2024	15 Nov 2023	16 Aug 2023
	Machine Age	hrs	Client Info		33726	56363	29174
	Oil Age	hrs	Client Info		2400	8135	0
	Filter Age	hrs	Client Info		2400	2100	0
	Oil Changed		Client Info		Not Changd	Changed	Not Changd
	Filter Changed		Client Info		Changed	Changed	Changed
	Sample Status				NORMAL	NORMAL	NORMAL
WEAR	Iron	ppm	ASTM D5185m	<b>&gt;50</b>	<1	0	3
All component wear rates are normal.	Chromium	ppm	ASTM D5185m		0	0	0
	Nickel		ASTM D5105m	>10	0	0	0
	Titanium	ppm	ASTM D5185m		0	0	0
	Silver	ppm	ASTM D5185m		0	0	0
	Aluminum	ppm	ASTM D5185m	<b>&gt;25</b>	<1	0	<1
	Lead	ppm	ASTM D5185m		<1	<1	0
	Copper	ppm	ASTM D5185m		<1	0	1
	Tin	ppm	ASTM D5185m		1	1	0
	Vanadium	ppm	ASTM D5185m	>10	- <1	0	0
	White Metal	scalar	*Visual	NONE	HEAVY	NONE	MODER
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
			· · · · · · · · · · · · · · · · · · ·				NONE
CONTAMINATION	Silicon	10.10.100	ASTM D5185m	- 25		,	4
CONTAMINATION	Silicon	ppm	ASTIVI DOTOSIII	>20	<1	<1	1
	Potassium	ppm	ASTM D5185m		3	<1 9	9
There is no indication of any contamination in the oil.				>20			
	Potassium		ASTM D5185m	>20	3	9	9
	Potassium Water	ppm	ASTM D5185m WC Method	>20 >0.1	3 NEG	9 NEG	9 NEG
	Potassium Water Silt	ppm	ASTM D5185m WC Method *Visual	>20 >0.1 NONE	3 NEG NONE	9 NEG NONE	9 NEG NONE
	Potassium Water Silt Debris	ppm scalar scalar	ASTM D5185m WC Method *Visual *Visual	>20 >0.1 NONE NONE	3 NEG NONE NONE	9 NEG NONE LIGHT	9 NEG NONE
	Potassium Water Silt Debris Sand/Dirt	ppm scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual	>20 >0.1 NONE NONE NONE	3 NEG NONE NONE	9 NEG NONE LIGHT NONE	9 NEG NONE NONE
	Potassium Water Silt Debris Sand/Dirt Appearance	ppm scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>20 >0.1 NONE NONE NONE NORML	3 NEG NONE NONE NONE	9 NEG NONE LIGHT NONE NORML	9 NEG NONE NONE NONE
There is no indication of any contamination in the oil.	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	scalar scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual *Visual	>20 >0.1 NONE NONE NONE NORML	3 NEG NONE NONE NORML NORML	9 NEG NONE LIGHT NONE NORML NORML NEG	9 NEG NONE NONE NONE NORML NORML NEG
There is no indication of any contamination in the oil.  FLUID CONDITION	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	scalar scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual *ASTM D5185m	>20 >0.1 NONE NONE NONE NORML	3 NEG NONE NONE NORML NORML NEG	9 NEG NONE LIGHT NONE NORML NORML NEG	9 NEG NONE NONE NONE NORML NORML NEG
There is no indication of any contamination in the oil.  FLUID CONDITION  The AN level is acceptable for this fluid. The condition of the oil is	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual *Visual *ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML >0.1	3 NEG NONE NONE NONE NORML NORML NEG 40 <1	9 NEG NONE LIGHT NONE NORML NORML NEG 87	9 NEG NONE NONE NORML NORML NEG 92 0
There is no indication of any contamination in the oil.  FLUID CONDITION	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual *ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML >0.1	3 NEG NONE NONE NORML NORML NEG 40 <1 784	9 NEG NONE LIGHT NONE NORML NORML NEG 87 0 536	9 NEG NONE NONE NORML NORML NEG 92 0 460
There is no indication of any contamination in the oil.  FLUID CONDITION  The AN level is acceptable for this fluid. The condition of the oil is	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water  Sodium Boron Barium Molybdenum	scalar scalar scalar scalar scalar scalar scalar scalar sppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual *Visual *ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML >0.1	3 NEG NONE NONE NORML NORML NEG 40 <1 784 0	9 NEG NONE LIGHT NONE NORML NORML NEG 87	9 NEG NONE NONE NORML NORML NEG 92 0
There is no indication of any contamination in the oil.  FLUID CONDITION  The AN level is acceptable for this fluid. The condition of the oil is	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual *ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML >0.1	3 NEG NONE NONE NORML NORML NEG 40 <1 784	9 NEG NONE LIGHT NONE NORML NORML NEG 87 0 536 0	9 NEG NONE NONE NONE NORML NORML NEG 92 0 460 <1
There is no indication of any contamination in the oil.  FLUID CONDITION  The AN level is acceptable for this fluid. The condition of the oil is	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water  Sodium Boron Barium Molybdenum Manganese	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual *Tisual *Visual *ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML >0.1	3 NEG NONE NONE NONE NORML NORML NEG 40 <1 784 0 <1	9 NEG NONE LIGHT NONE NORML NORML NEG  87 0 536 0 1	9 NEG NONE NONE NONE NORML NORML NEG  92 0 460 <1
There is no indication of any contamination in the oil.  FLUID CONDITION  The AN level is acceptable for this fluid. The condition of the oil is	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water  Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual *ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML >0.1	3 NEG NONE NONE NORML NORML NEG 40 <1 784 0 <1	9 NEG NONE LIGHT NONE NORML NORML NEG  87 0 536 0 1 3	9 NEG NONE NONE NORML NORML NEG 92 0 460 <1 1
There is no indication of any contamination in the oil.  FLUID CONDITION  The AN level is acceptable for this fluid. The condition of the oil is	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water  Sodium Boron Barium Molybdenum Manganese Magnesium	scalar scalar scalar scalar scalar scalar scalar sppm ppm ppm ppm ppm ppm ppm ppm ppm pp	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual *Tisual *Visual *Tisual *Tisual ASTM D5185m	>20 >0.1 NONE NONE NORML NORML >0.1	3 NEG NONE NONE NORML NORML NEG 40 <1 784 0 <1 <1 25	9 NEG NONE LIGHT NONE NORML NORML NEG  87 0 536 0 1 3 61	9 NEG NONE NONE NORML NORML NEG  92 0 460 <1 1 2 78
There is no indication of any contamination in the oil.  FLUID CONDITION  The AN level is acceptable for this fluid. The condition of the oil is	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water  Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm ppm pp	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual *Visual *ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML >0.1 556	3 NEG NONE NONE NONE NORML NORML NEG 40 <1 784 0 <1 784 1 25 21	9 NEG NONE LIGHT NONE NORML NORML NEG  87 0 536 0 1 3 61 47	9 NEG NONE NONE NONE NORML NORML NEG  92 0 460 <1 1 2 78 51
There is no indication of any contamination in the oil.  FLUID CONDITION  The AN level is acceptable for this fluid. The condition of the oil is	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water  Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	scalar scalar scalar scalar scalar scalar sppm ppm ppm ppm ppm ppm ppm ppm ppm pp	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Tisual *Visual *Tisual	>20 >0.1 NONE NONE NORML NORML >0.1  556  242 0 0 306	3 NEG NONE NONE NONE NORML NORML NEG  40 <1 784 0 <1 25 21 40	9 NEG NONE LIGHT NONE NORML NORML NEG  87 0 536 0 1 3 61 47 85	9 NEG NONE NONE NONE NORML NORML NEG  92 0 460 <1 1 2 78 51 70
There is no indication of any contamination in the oil.  FLUID CONDITION  The AN level is acceptable for this fluid. The condition of the oil is	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water  Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	scalar scalar scalar scalar scalar scalar scalar sppm ppm ppm ppm ppm ppm ppm ppm ppm pp	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual *Visual *ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML >0.1  556  242 0 0 306 0.2	3 NEG NONE NONE NORML NORML NEG  40 <1 784 0 <1 <1 25 21 40 365	9 NEG NONE LIGHT NONE NORML NORML NEG  87 0 536 0 1 3 61 47 85 362	9 NEG NONE NONE NONE NORML NORML NEG  92 0 460 <1 1 2 78 51 70 376













Certificate L2367

Laboratory Sample No. Unique Number : 10901323

Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : UCH06103093 Lab Number : 06103093

Received **Tested** 

Diagnosed

: 29 Feb 2024 : 01 Mar 2024 - Don Baldridge

: 28 Feb 2024

204 38TH ST

Contact: KEVIN DESPOT kevind@a-l-lequipment.com

**A-L-L EQUIPMENT INC** 

To discuss this sample report, contact Customer Service at 1-800-237-1369. \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (815)877-7000 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (309)762-9950

Report Id: UCALLMOL [WUSCAR] 06103093 (Generated: 03/01/2024 14:22:30) Rev: 1

Contact/Location: KEVIN DESPOT - UCALLMOL

MOLINE, IL

US 61265