WEAR CONTAMINATION FLUID CONDITION

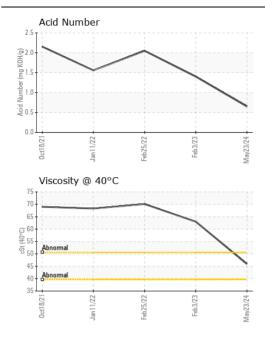
NORMAL NORMAL

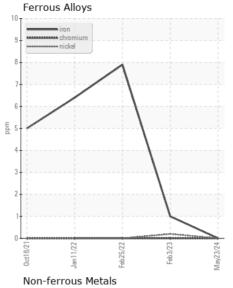
ALL ADVANTAGE [153440]

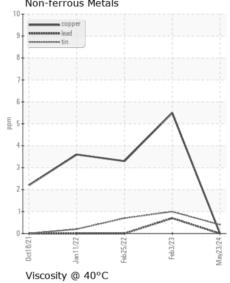
**CBV175367 - DUBUQUE WASTE WATER** 

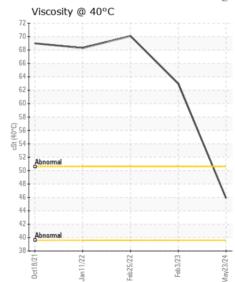
Compressor

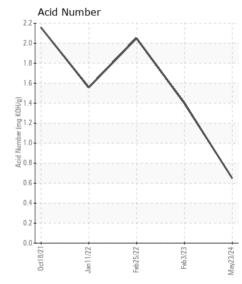
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor. Please specify the	Sample Number		Client Info		UCH06214839	UCH05767237	UCH05500020
brand, type, and viscosity of the oil on your next sample.	Sample Date		Client Info		23 May 2024	03 Feb 2023	25 Feb 2022
	Machine Age	hrs	Client Info		49884	39081	31224
	Oil Age	hrs	Client Info		5283	7857	7652
	Filter Age	hrs	Client Info		2766	1744	2275
	Oil Changed		Client Info		Not Changd	Changed	Changed
	Filter Changed		Client Info		Changed	Changed	Changed
	Sample Status				NORMAL	ATTENTION	ATTENTION
WEAR	Iron	ppm	ASTM D5185m	>50	0	1	8
All component wear rates are normal	Chromium	ppm	ASTM D5185m	>10	0	0	0
All component wear rates are normal.	Nickel	ppm	ASTM D5185m		0	<1	0
	Titanium	ppm	ASTM D5185m		0	0	0
	Silver	ppm	ASTM D5185m		0	0	<1
	Aluminum	ppm	ASTM D5185m	>25	<1	0	<1
	Lead	ppm	ASTM D5185m	>25	0	<1	0
	Copper	ppm	ASTM D5185m	>50	0	6	3
	Tin	ppm	ASTM D5185m	>15	<1	1	<1
	Vanadium	ppm	ASTM D5185m		0	0	0
	White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION	Silicon	ppm	ASTM D5185m	>25	0	<1	1
CONTAMINATION  There is no indication of any contemination in the cill	Silicon Potassium	ppm	ASTM D5185m ASTM D5185m		0 2	<1 3	1 3
CONTAMINATION  There is no indication of any contamination in the oil.							
	Potassium		ASTM D5185m	>20	2	3	3
	Potassium Water	ppm	ASTM D5185m WC Method	>20 >0.1	2 NEG	3 NEG	3 NEG
	Potassium Water Silt	ppm	ASTM D5185m WC Method *Visual	>20 >0.1 NONE	2 NEG NONE	3 NEG NONE	3 NEG NONE
	Potassium Water Silt Debris	ppm scalar scalar	ASTM D5185m WC Method *Visual *Visual	>20 >0.1 NONE NONE	2 NEG NONE NONE	3 NEG NONE NONE	3 NEG NONE NONE
	Potassium Water Silt Debris Sand/Dirt	ppm scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual	>20 >0.1 NONE NONE NONE	2 NEG NONE NONE	3 NEG NONE NONE	3 NEG NONE NONE
	Potassium Water Silt Debris Sand/Dirt Appearance	scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>20 >0.1 NONE NONE NONE NORML	2 NEG NONE NONE NONE	3 NEG NONE NONE NONE	NEG NONE NONE NONE NORML
There is no indication of any contamination in the oil.	Potassium Water Silt Debris Sand/Dirt Appearance Odor	scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>20 >0.1 NONE NONE NONE NORML	2 NEG NONE NONE NORML	3 NEG NONE NONE NONE NORML	3 NEG NONE NONE NORML NORML
There is no indication of any contamination in the oil.  FLUID CONDITION	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 *Visual	>20 >0.1 NONE NONE NONE NORML	2 NEG NONE NONE NORML NORML	3 NEG NONE NONE NORML NORML NEG	3 NEG NONE NONE NORML NORML NEG
There is no indication of any contamination in the oil.	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	2 NEG NONE NONE NORML NORML NEG	3 NEG NONE NONE NONE NORML NORML NEG	3 NEG 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 *ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NONE NORML	2 NEG NONE NONE NORML NORML NEG 3	3 NEG NONE NONE NONE NORML NORML NEG 27 0	3 NEG 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 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 NONE NORML	2 NEG NONE NONE NORML NORML NEG 3 0 8	3 NEG NONE NONE NONE NORML NORML NEG 27 0 46	3 NEG NONE NONE NONE NORML NORML NEG  10 4 98
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 ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual *ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NONE NORML	2 NEG NONE NONE NORML NORML NEG 3 0 8	3 NEG NONE NONE NONE NORML NORML NEG 27 0 46 <1	3 NEG NONE NONE NONE NORML NORML NEG  10 4 98 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 Molybdenum Manganese	scalar scalar scalar scalar scalar 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	>20 >0.1 NONE NONE NONE NORML	2 NEG NONE NONE NONE NORML NORML NEG 3 0 8	3 NEG NONE NONE NONE NORML NORML NEG 27 0 46 <1	3 NEG NONE NONE NONE NORML NORML NEG  10 4 98 0 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 Molybdenum Manganese Magnesium	scalar scalar scalar scalar scalar scalar 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 NONE NORML	2 NEG NONE NONE NORML NORML NEG 3 0 8 0 <1	3 NEG NONE NONE NONE NORML NORML NEG  27 0 46 <1 0 <1	3 NEG NONE NONE NORML NORML NEG  10 4 98 0 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 Molybdenum Manganese Magnesium Calcium	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 *ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NONE NORML	2 NEG NONE NONE NORML NORML NEG 3 0 8 0 <1 0 0	3 NEG NONE NONE NONE NORML NORML NEG  27 0 46 <1 0 <1	3 NEG NONE NONE NORML NORML NEG  10 4 98 0 0 0 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 Phosphorus	scalar 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 ASTM D5185m	>20 >0.1 NONE NONE NONE NORML	2 NEG NONE NONE NORML NORML NEG 3 0 8 0 <1 0 0 268	3 NEG NONE NONE NONE NORML NORML NEG  27 0 46 <1 0 <11 0 14	3 NEG NONE NONE NONE NORML NORML NEG  10 4 98 0 0 0 1 111
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 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 NONE NORML	2 NEG NONE NONE NONE NORML NORML NEG 3 0 8 0 <1 0 268 0	3 NEG NONE NONE NONE NORML NORML NEG  27 0 46 <1 0 <1 0 14 8	3 NEG NONE NONE NONE NORML NORML NEG  10 4 98 0 0 1 11 47













Certificate L2367

Laboratory Sample No.

: UCH06214839 Lab Number : 06214839 Unique Number : 11087703 Test Package : IND 2

To discuss this sample report, contact Customer Service at 1-800-237-1369.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 19 Jun 2024

**Tested** Diagnosed

: 20 Jun 2024 : 20 Jun 2024 - Wes Davis **A-L-L EQUIPMENT INC** 204 38TH ST MOLINE, IL US 61265

Contact: KEVIN DESPOT kevind@a-l-lequipment.com T: (815)877-7000

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (309)762-9950