WEAR CONTAMINATION FLUID CONDITION

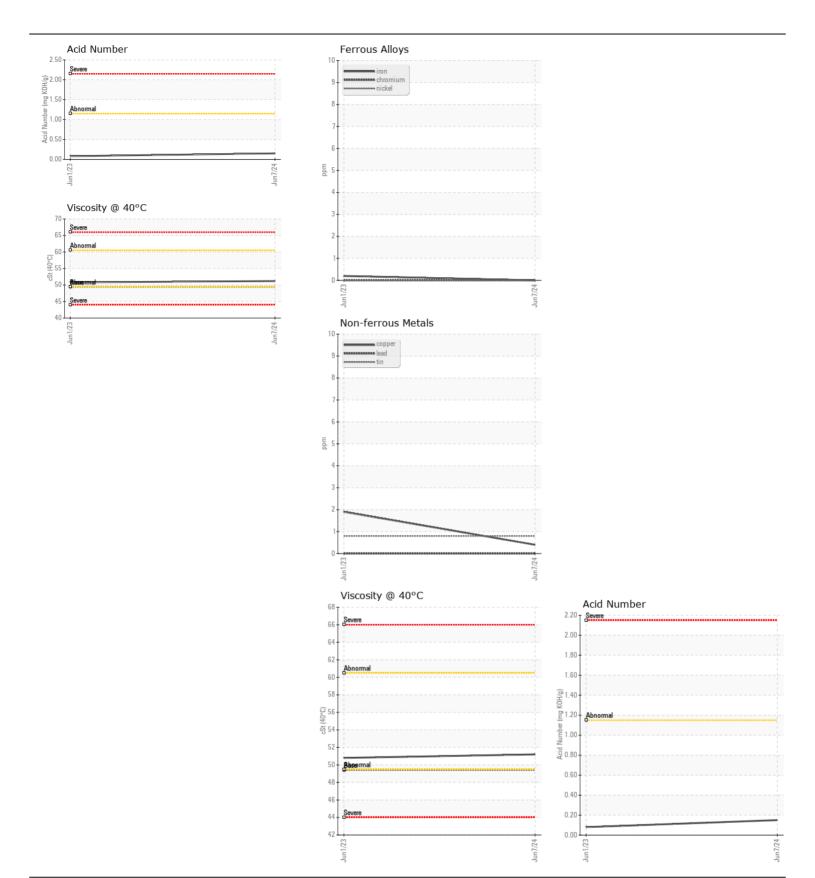
NORMAL NORMAL NORMAL

ULTRA COOLANT

## **CBV478015 - MUSCATINE COMM SCHOOL**

Compressor

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCH06214838	UCH05875624	
Sample Date		Client Info		07 Jun 2024	01 Jun 2023	
Machine Age	hrs	Client Info		4850	3869	
Oil Age	hrs	Client Info		2500	512	
Filter Age	hrs	Client Info		2000	512	
Oil Changed		Client Info		Not Changd	Not Changd	
Filter Changed		Client Info		Changed	Changed	
Sample Status				NORMAL	NORMAL	
Iron	maa	ASTM D5185m	>50	0	<1	
Titanium					<1	
Silver		ASTM D5185m		0	0	
Aluminum			>25	0	<1	
Lead				0	0	
Copper	ppm			<1	2	
Tin	ppm	ASTM D5185m	>15	<1	<1	
Vanadium	ppm	ASTM D5185m		0	<1	
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
	ppm					
				-		
Emuisilied water	scalar	visuai	>0.1	NEG	NEG	
Sodium	ppm	ASTM D5185m		65	42	
Boron	ppm	ASTM D5185m	0	<1	0	
Barium	ppm	ASTM D5185m	500	242	370	
Molybdenum	ppm	ASTM D5185m	0	0	<1	
Manganese	ppm	ASTM D5185m		<1	<1	
Magnesium	ppm	ASTM D5185m	0	0	1	
Calcium	ppm			5	5	
Phosphorus	ppm	ASTM D5185m	20	4	6	
Zinc	ppm	ASTM D5185m	0	22	32	
Sulfur	ppm	ASTM D5185m	200	380	423	
Acid Number (AN)	mg KOH/g	ASTM D8045		0.15	0.08	
	Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	Sample Number Sample Date Machine Age hrs Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status  Iron ppm Chromium ppm Nickel ppm Titanium ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Water Silt scalar Sand/Dirt scalar Sand/Dirt scalar Sand/Dirt scalar Sodium ppm Boron ppm Barium ppm Manganese ppm Magnesium ppm Calcium ppm Calcium ppm Phosphorus Zinc ppm Pms	Sample Number Sample Date Client Info Client Info Machine Age Nrs Client Info Cil Age Nrs Client Info Cil Age Nrs Client Info Sample Status  Iron  ppm ASTM D5185m Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Nickel ppm ASTM D5185m Aluminum ppm ASTM D5185m Copper ppm ASTM D5185m Copper ppm ASTM D5185m Vanadium ppm ASTM D5185m Valual Scalar *Visual Silicon ppm ASTM D5185m Water WC Method Silt scalar *Visual Debris scalar *Visual Sand/Dirt scalar Appearance scalar *Visual Sand/Dirt scalar *Visual Sand/Dirt Scalar Appearance scalar *Visual Sand/Dirt Scalar Appearance scalar *Visual Sand/Dirt Scalar Appearance Scalar Scalar *Visual Sand/Dirt ASTM D5185m Phosphorus ASTM D5185m	Sample Number Sample Date Machine Age Oil Age hrs Client Info Oil Age hrs Client Info Oil Changed Filter Age Oil Changed Filter Changed Sample Status  Iron Ppm ASTM D5185m Silver Aluminum Ppm ASTM D5185m Silver Aluminum Ppm ASTM D5185m Silver ASTM D5185m Aluminum Ppm ASTM D5185m Silver Ppm ASTM D5185m Silver ASTM D5185m Silver Aluminum Ppm ASTM D5185m Silver Ppm ASTM D5185m Silver Ppm ASTM D5185m Silver ASTM D5185m Silver ASTM D5185m Silver Ppm ASTM D5185m Silver ASTM D5185m Silver ASTM D5185m Silver Ppm ASTM D5185m Soloper Tin Ppm ASTM D5185m Vanadium Ppm ASTM D5185m Visual NONE Yellow Metal Scalar Visual NONE Silicon Ppm ASTM D5185m S25 Potassium Ppm ASTM D5185m S26 Potassium Ppm ASTM D5185m S20 Water WC Method Solo Solor Solo	Sample Number         Client Info         UCH06214838           Sample Date         Client Info         07 Jun 2024           Machine Age         hrs         Client Info         4850           Oil Age         hrs         Client Info         2500           Filter Age         hrs         Client Info         Not Changd           Filter Changed         Client Info         Changed           Sample Status         NORMAL         NORMAL           Iron         ppm         ASTM D5185m         >50         0           Chromium         ppm         ASTM D5185m         >50         0           Nickel         ppm         ASTM D5185m         >10         0           Nickel         ppm         ASTM D5185m         >0         0           Aluminum         ppm         ASTM D5185m         >25         0           Aluminum         ppm         ASTM D5185m         >25         0           Copper         ppm         ASTM D5185m         >25         0           Copper         ppm         ASTM D5185m         >50         <1	Sample Number         Client Info         UCH06214833         UCH05075624           Sample Date         Client Info         07 Jun 2024         01 Jun 2023           Machine Age         hrs         Client Info         4850         3869           Oil Age         hrs         Client Info         2000         512           Filter Age         hrs         Client Info         Not Changd         Not Changd           Gill Changed         Client Info         Changed         Changed           Filter Changed         Client Info         Changed         NoRMAL           Sample Status         NORMAL         NORMAL         NORMAL           Iron         ppm         ASTM D5185m         >50         0         <1







Certificate L2367

Laboratory Sample No.

: UCH06214838 Lab Number : 06214838 Unique Number : 11087702 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 19 Jun 2024 **Tested** : 20 Jun 2024

Diagnosed : 20 Jun 2024 - Wes Davis

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

MOLINE, IL US 61265 Contact: KEVIN DESPOT kevind@a-l-lequipment.com T: (815)877-7000

**A-L-L EQUIPMENT INC** 

204 38TH ST

\* - 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)

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