WEAR CONTAMINATION FLUID CONDITION

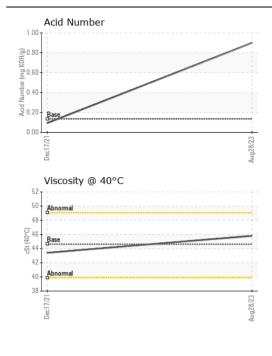
NORMAL NORMAL

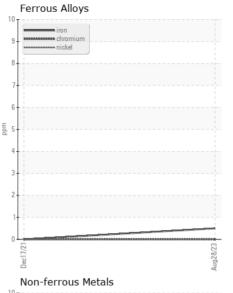
Machine Id

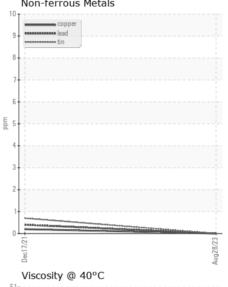
SULLIVAN PALATEK 21JF002572

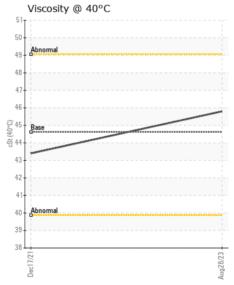
Component Compressor

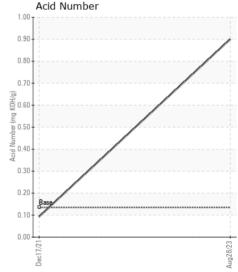
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		UCS05949332	UCS05431988	
riccample at the next service interval to mornior.	Sample Date		Client Info		28 Aug 2023	17 Dec 2021	
	Machine Age	hrs	Client Info		9000	1000	
	Oil Age	hrs	Client Info		9000	1000	
	Filter Age	hrs	Client Info		500	950	
	Oil Changed		Client Info		Not Changd	Not Changd	
	Filter Changed		Client Info		Changed	Changed	
	Sample Status				NORMAL	NORMAL	
WEAD	lua.a		ACTM DE10E	F0		^	
WEAR	Iron	ppm	ASTM D5185m		<1	0	
All component wear rates are normal.	Chromium	ppm	ASTM D5185m	>10	0	0	
	Nickel	ppm	ASTM D5185m		0	0	
	Titanium	ppm	ASTM D5185m		0	0	
	Silver	ppm	ASTM D5185m	0.5	0	0	
	Aluminum	ppm	ASTM D5185m		0	0	
	Lead	ppm	ASTM D5185m	>25	0	<1	
	Copper	ppm	ASTM D5185m		0	<1	
	Tin	ppm	ASTM D5185m	>15	0	<1	
	Vanadium	ppm	ASTM D5185m	NONE	0	0	
	White Metal	scalar	*Visual	NONE	LIGHT	LIGHT	
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
CONTAMINATION	Silicon	ppm	ASTM D5185m	>25	2	2	
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	0	<1	
	Water		WC Method	>0.1	NEG	NEG	
	Silt	scalar	*Visual	NONE	NONE	NONE	
	One			INOINE	11011	NONE	
	Debris	scalar	*Visual	NONE	LIGHT	NONE	
	Debris	scalar	*Visual	NONE	LIGHT	NONE	
	Debris Sand/Dirt	scalar scalar	*Visual	NONE NONE	LIGHT NONE	NONE NONE	
	Debris Sand/Dirt Appearance	scalar scalar scalar	*Visual *Visual *Visual	NONE NONE NORML	LIGHT NONE NORML	NONE NONE NORML	
FLUID CONDITION	Debris Sand/Dirt Appearance Odor Emulsified Water	scalar scalar scalar scalar scalar	*Visual *Visual *Visual *Visual *Visual	NONE NORML NORML	LIGHT NONE NORML NORML NEG	NONE NONE NORML NORML NEG	
FLUID CONDITION	Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	scalar scalar scalar scalar scalar ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m	NONE NONE NORML NORML >0.1	LIGHT NONE NORML NORML NEG	NONE NONE NORML NORML NEG	
The AN level is acceptable for this fluid. The condition of the oil is	Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	scalar scalar scalar scalar scalar ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m	NONE NORML NORML >0.1	LIGHT NONE NORML NORML NEG <1	NONE NORML NORML NEG 0	
	Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	scalar scalar scalar scalar scalar ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	NONE NORML NORML >0.1	LIGHT NONE NORML NORML NEG <1 0	NONE NORML NORML NEG 0 2 0	
The AN level is acceptable for this fluid. The condition of the oil is	Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	scalar scalar scalar scalar scalar ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML >0.1 0 0.3 0	LIGHT NONE NORML NORML NEG <1 0 0	NONE NORML NORML NEG 0 2 0 <1	
The AN level is acceptable for this fluid. The condition of the oil is	Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	scalar scalar scalar scalar scalar ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML >0.1 0 0.3 0 0.3	LIGHT NONE NORML NORML NEG <1 0 0 0	NONE NORML NORML NEG 0 2 0	
The AN level is acceptable for this fluid. The condition of the oil is	Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML >0.1 0 0.3 0 0.3 0.4	LIGHT NONE NORML NORML NEG <1 0 0 0 2	NONE NORML NORML NEG 0 2 0 <1 0	
The AN level is acceptable for this fluid. The condition of the oil is	Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	NONE NORML NORML >0.1 0 0.3 0 0.3 0.4 0	LIGHT NONE NORML NORML NEG <1 0 0 2 <1	NONE NORML NORML NEG 0 2 0 <1 0 0 0	
The AN level is acceptable for this fluid. The condition of the oil is	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	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	NONE NORML NORML >0.1 0 0.3 0 0.3 0 0.4 0 689	LIGHT NONE NORML NORML NEG <1 0 0 2 <1 373	NONE NORML NORML NEG 0 2 0 <1 0 0	
The AN level is acceptable for this fluid. The condition of the oil is	Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	NONE NORML NORML >0.1 0 0.3 0 0.4 0 689 0	LIGHT NONE NORML NORML NEG <1 0 0 2 <1 373 0	NONE NORML NORML NEG 0 2 0 <1 0 0 679 0	
The AN level is acceptable for this fluid. The condition of the oil is	Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	NONE NORML NORML >0.1 0 0.3 0 0.4 0 689 0 1237	LIGHT NONE NORML NORML NEG <1 0 0 0 2 <1 373 0 412	NONE NONE NORML NORML NEG 0 2 0 <1 0 0 679 0 892	
The AN level is acceptable for this fluid. The condition of the oil is	Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	NONE NORML NORML >0.1 0 0.3 0 0.3 0.4 0 689 0 1237 0.135	LIGHT NONE NORML NORML NEG <1 0 0 2 <1 373 0	NONE NORML NORML NEG 0 2 0 <1 0 0 679 0	













Laboratory Sample No.

Lab Number : 05949332 Unique Number : 10645291 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : UCS05949332 Received

Tested Diagnosed

: 12 Sep 2023 : 14 Sep 2023 : 15 Sep 2023 - Don Baldridge **FULCRUM CONTAINER**

LITTLE CANADA, MN US 55117

Contact: D SAGERER DSAGERER@FULCRUMCONTAINER.COM

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.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Report Id: UCFULLIT [WUSCAR] 05949332 (Generated: 02/13/2024 12:20:08) Rev: 1

Contact/Location: D SAGERER - UCFULLIT

T:

F: