

WEAR
CONTAMINATION
FLUID CONDITION

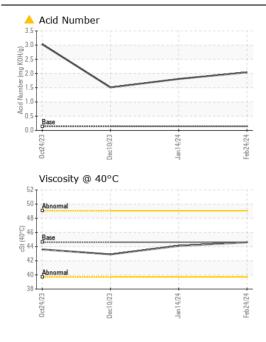
NORMAL NORMAL ABNORMAL

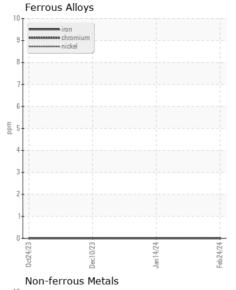
Machine Id

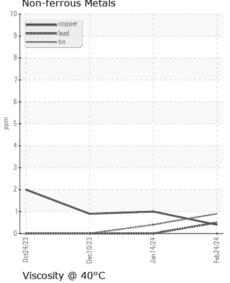
SULLIVAN PALATEK 19KE000551 - CORR CHOICE COMP 2

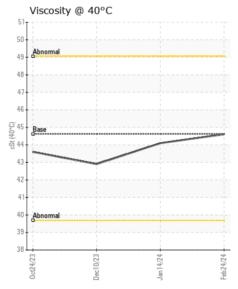
Component Compressor

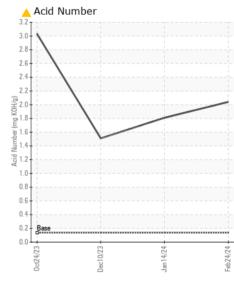
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCS06104430	UCS06068576	UCS06036159
Sample Date		Client Info		24 Feb 2024	14 Jan 2024	10 Dec 2023
Machine Age	hrs	Client Info		38491	37507	36670
Oil Age	hrs	Client Info		3000	2500	2000
Filter Age	hrs	Client Info		1500	600	2000
Oil Changed		Client Info		Changed	Not Changd	Not Change
Ū		Client Info		Changed	Changed	Changed
Sample Status				ABNORMAL	ATTENTION	ATTENTION
Iron	ppm	ASTM D5185m	>50	0	0	0
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	0	0
Lead	ppm	ASTM D5185m	>25	<1	0	0
Copper	ppm	ASTM D5185m	>50	<1	1	<1
Tin	ppm	ASTM D5185m	>15	<1	<1	0
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	nnm	ASTM D5185m	>25	1	3	1
						0
	la la					NEG
	scalar					NONE
Debris		*Visual			NONE	MODER
Sand/Dirt	scalar	*Visual			NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORMI
Odor	scalar	*Visual	NORML	NORML	NORML	NORM
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Sodium	maa	ASTM D5185m		<1	<1	<1
			0			0
						0
					0	0
				0	<1	0
Magnesium	ppm	ASTM D5185m	0.4	0	<1	0
Calcium	ppm	ASTM D5185m	0	0	1	0
Phosphorus	ppm	ASTM D5185m	689	428	486	548
Zinc	ppm	ASTM D5185m		0	0	0
						E 4E
Sulfur	ppm	ASTM D5185m	1237	364	385	545
Sulfur Acid Number (AN)	ppm mg KOH/g	ASTM D5185m ASTM D8045		364 <u>2.04</u>	385	1.51
	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	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 Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Water Silt scalar Debris scalar Sand/Dirt scalar Sand/Dirt scalar Appearance scalar Codor scalar Emulsified Water scalar Sodium ppm Boron ppm Barium ppm Manganese ppm Magnesium ppm Calcium ppm Coli Age Nrs Coll Age Nrs Chromium Ppm Nolybdenum Ppm Molybdenum Ppm Manganese ppm Magnesium Calcium ppm Phosphorus	Sample Number Sample Date Client Info Machine Age Nrs Client Info Oil Age Nrs Client Info Client Info Oil Age Nrs Client Info Client Info Client Info Client Info Oil Changed Filter Changed Sample Status Iron Chromium Dpm ASTM D5185m Chromium Dpm ASTM D5185m Titanium Dpm ASTM D5185m Aluminum Dpm ASTM D5185m Copper Dpm ASTM D5185m Copper Dpm ASTM D5185m Vanadium Dpm ASTM D5185m Valle Vallow Metal Scalar Visual Silicon Dpm ASTM D5185m Vater WC Method Silt Scalar Scalar Visual Sand/Dirt Scalar Appearance Scalar Scalar Visual Sand/Dirt Scalar Appearance Scalar Scalar Scalar Appearance Scalar Scalar Appearance Scalar Scalar Scalar Appearance Scalar Scalar Scalar Appearance Scalar Scalar Appearance Scalar Appearance Scalar Appearance Scalar Scalar Appearance Appearance Scalar Appearance Appearanc	Sample Number Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Filter Age hrs Client Info Client Info Filter Age hrs Client Info Client Info Filter Age hrs Client Info Client Info Client Info Filter Changed Client Info Filter Changed Sample Status Iron ppm ASTM D5185m Chromium ppm ASTM D5185m Titanium ppm ASTM D5185m Silver ppm ASTM D5185m Aluminum ppm ASTM D5185m Aluminum ppm ASTM D5185m Vanadium ppm ASTM D5185m Vanadium ppm ASTM D5185m Vanadium ppm ASTM D5185m Vhite Metal scalar Visual NONE Silicon ppm ASTM D5185m ASTM D5185m ASTM D5185m Vone Vellow Metal scalar Visual NONE Silt scalar Visual NONE Sand/Dirt scalar ASTM D5185m Vone Sand/Dirt scalar ASTM D5185m NONE Sand/Dirt Appearance scalar AVisual NONE Sand/Dirt Scalar ASTM D5185m NORML Scalar ASTM D5185m OASTM	Sample Number Client Info UCS06104430 Sample Date Client Info 24 Feb 2024 Machine Age hrs Client Info 38491 Oil Age hrs Client Info 3000 Filter Age hrs Client Info 1500 Oil Changed Client Info Changed Filter Changed Client Info Changed Sample Status Client Info Changed Iron ppm ASTM D5185m 50 0 Chromium ppm ASTM D5185m >50 0 Chromium ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m >25 0 Aluminum ppm ASTM D5185m >25 0 Lead ppm ASTM D5185m >25 1 Copper ppm ASTM D5185m >50 <1	Sample Number Client Info UC\$06104430 UC\$06068576 Sample Date Client Info 24 Feb 2024 14 Jan 2024 Machine Age hrs Client Info 38491 37507 Oil Age hrs Client Info 3000 2500 Filter Age hrs Client Info Changed Not Changd Filter Changed Client Info Changed Changed Sample Status ABNORMAL ATTENTION Iron ppm ASTM D5185m >50 0 Chromium ppm ASTM D5185m >50 0 Nickel ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m >10 0 Silver ppm ASTM D5185m >25 0 0 Aluminum ppm ASTM D5185m >25 0 0 Lead ppm ASTM D5185m >25 1 1 Vanadium ppm ASTM D5185m >50 <













Laboratory

Sample No.

Lab Number : 06104430 Unique Number : 10902660

Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : UCS06104430 Received **Tested**

Diagnosed

: 03 Mar 2024 - Doug Bogart

: 29 Feb 2024

: 01 Mar 2024

US 17043 Contact: ANDREW HOGUE andrewh@downforceair.com

DOWNFORCE AIR SOLUTIONS

T: (717)891-3758

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)

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LEMOYNE, PA