WEAR CONTAMINATION **FLUID CONDITION**

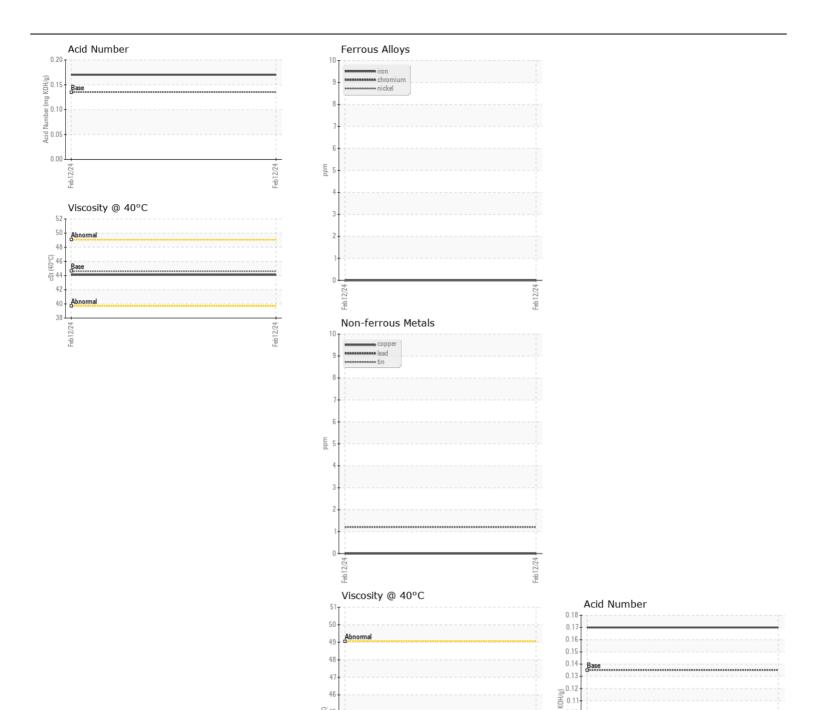
NORMAL NORMAL NORMAL

PAL-EXTRA 44

SULLIVAN PALATEK 20DE001104 - NKU

Component Compressor

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCS06104429		
Sample Date		Client Info		12 Feb 2024		
Machine Age	hrs	Client Info		33708		
Oil Age	hrs	Client Info		0		
Filter Age	hrs	Client Info		0		
_				_		
		Client Info				
Sample Status				NORMAL		
Iron	ppm	ASTM D5185m	>50	0		
			>10			
			>25			
Lead				0		
				0		
Tin				1		
Vanadium				<1		
White Metal	scalar		NONE			
Yellow Metal	scalar	*Visual	NONE	NONE		
	ppm			2		
	ppm					
Emulsined water	scalar	visuai	>0.1	NEG		
Sodium	ppm	ASTM D5185m		0		
Boron	ppm	ASTM D5185m	0	<1		
Barium	ppm	ASTM D5185m	0.3	0		
Molybdenum	ppm	ASTM D5185m	0	0		
Manganese	ppm	ASTM D5185m	0.3	0		
Magnesium	ppm	ASTM D5185m	0.4	0		
Calcium	ppm	ASTM D5185m	0	0		
Phosphorus	ppm	ASTM D5185m	689	358		
Zinc	ppm	ASTM D5185m	0	0		
Sulfur	ppm	ASTM D5185m	1237	657		
Guilai						
Acid Number (AN)	mg KOH/g	ASTM D8045	0.135	0.17		
	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 Yellow Metal Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Manganese Magnesium Calcium Phosphorus Zinc	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 Selit scalar Selit scalar Selit scalar Selit scalar Sodium ppm Water Silt scalar Sodium ppm Water Silt scalar Sodium ppm Mapearance scalar Sodium ppm Boron ppm Barium ppm Molybdenum ppm Manganese ppm Magnesium ppm Calcium ppm Phosphorus Zinc ppm	Sample Date Machine Age Machine Age Mrs Client Info Oil Age Mrs Client Info Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Ppm ASTM D5185m Nickel Ppm ASTM D5185m Aluminum Ppm ASTM D5185m Copper Ppm ASTM D5185m Vanadium Ppm ASTM D5185m Vall Scalar Visual Silicon Ppm ASTM D5185m Vater VC Method Silt Scalar Visual Sand/Dirt Scalar Appearance Scalar Visual Sand/Dirt Scalar Appearance Scalar Appearance Appearance Appearance Appearance Appearance App	Sample Date Machine Age Inrs Oil Age Inrs Oil Age Inrs Oil Client Info Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Interval Date Interval Date Interval Date Interval Date Iron Chromium Interval Date Inte	Sample Date Client Info 12 Feb 2024 Machine Age hrs Client Info 33708 Oil Age hrs Client Info 0 Filter Age hrs Client Info 0 Oil Changed Client Info Changed Filter Changed Client Info Changed Sample Status NORMAL Iron ppm ASTM D5185m >50 0 Chromium ppm ASTM D5185m >10 0 Nickel 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 0 Copper ppm ASTM D5185m >25 0 Vanadium ppm ASTM D5185m >1 1 Vanadium ppm ASTM D5185m >25	Sample Date Client Info 12 Feb 2024 Machine Age hrs Client Info 33708 Oil Age hrs Client Info 0 Filter Age hrs Client Info Changed Oil Changed Client Info Changed Filter Changed Client Info Changed Sample Status NORMAL Iron ppm ASTM D5185m 0 Chromium ppm ASTM D5185m 0 Nickel ppm ASTM D5185m 0 Titanium ppm ASTM D5185m 0 Silver ppm ASTM D5185m >25 0 Aluminum ppm ASTM D5185m >25 0 Lead ppm ASTM D5185m >25 0 Tin ppm ASTM D5185m >15 1







Certificate L2367

Laboratory Sample No.

: UCS06104429 Lab Number : 06104429 Unique Number : 10902659 Test Package : IND 2

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

₹ 44

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Feb12/24

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 29 Feb 2024 **Tested**

:01 Mar 2024 : 03 Mar 2024 - Doug Bogart Diagnosed

Feb12/24

QUALITY COMPRESSED AIR SERVICES INC

184 CONCOURSE DR PEARL, MS US 39208

Contact: GEORGIA HOLLEY

georgia@qcas-inc.com T: (225)932-0029

* - 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: (225)932-0030

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