# Sullivan Palatek

## **OIL ANALYSIS REPORT**

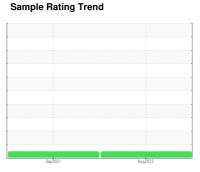
PALEXTRA 44 [8011640]

Machine Id

SULLIVAN PALATEK 180820002 - STARMARK

Component

Compressor





#### DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

The water content is negligible. There is no indication of any contamination in the oil.

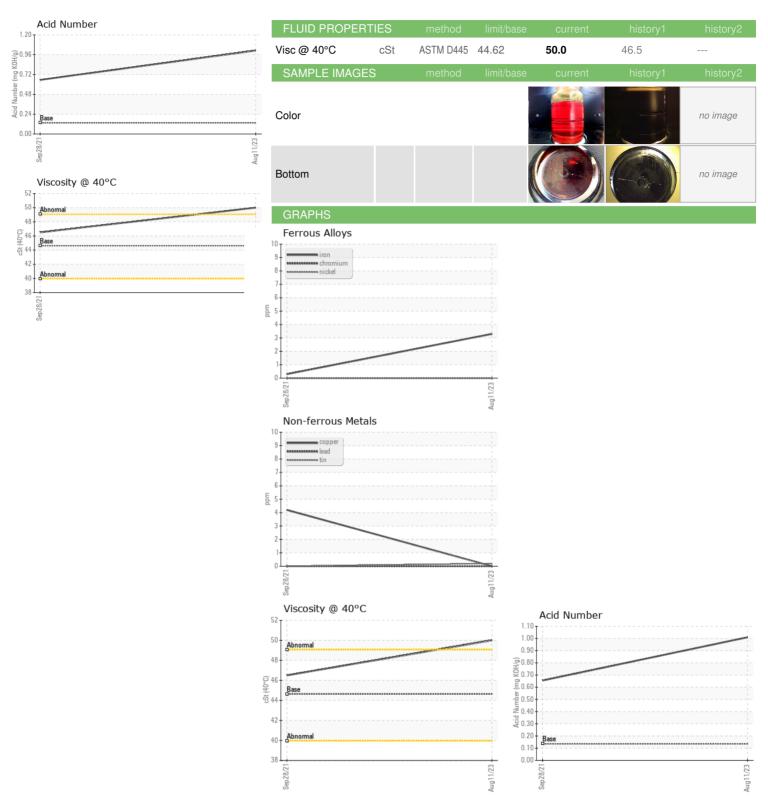
### **Fluid Condition**

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

			Sep2021	Aug2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCS05927402	UCS05365146	
Sample Date		Client Info		11 Aug 2023	28 Sep 2021	
Machine Age	hrs	Client Info		7331	16901	
Oil Age	hrs	Client Info		1820	1783	
Oil Changed		Client Info		Not Changd	Not Changd	
Sample Status				NORMAL	NORMAL	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	3	<1	
Chromium	ppm	ASTM D5185m	>10	0	0	
Nickel	ppm	ASTM D5185m		0	0	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>25	4	3	
Lead	ppm	ASTM D5185m	>25	0	0	
Copper	ppm	ASTM D5185m	>50	0	4	
Tin	ppm	ASTM D5185m	>15	<1	0	
Antimony	ppm	ASTM D5185m			0	
Vanadium	ppm	ASTM D5185m		0	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	<1	<1	
Barium	ppm	ASTM D5185m	0.3	1	15	
Molybdenum	ppm	ASTM D5185m	0	0	0	
Manganese	ppm	ASTM D5185m	0.3	<1	0	
Magnesium	ppm	ASTM D5185m	0.4	1	0	
Calcium	ppm	ASTM D5185m	0	<1	0	
Phosphorus	ppm	ASTM D5185m	689	367	445	
Zinc	ppm	ASTM D5185m	0	0	0	
Sulfur	ppm	ASTM D5185m	1237	136	205	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	6	<1	
Sodium	ppm	ASTM D5185m		1	0	
Potassium	ppm	ASTM D5185m	>20	0	0	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.135	1.01	0.655	
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	LIGHT	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Precipitate	scalar	*Visual	NONE	NONE	NONE	
Silt	scalar	*Visual	NONE	NONE	NONE	
Debris	scalar	*Visual	NONE	NONE	VLITE	
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual	NORML	NORML	NORML	
Odor	scalar	*Visual	NORML	NORML	NORML	
				INCITIVIL		
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	

# **Sullivan**

## **OIL ANALYSIS REPORT**







Laboratory Sample No. Lab Number

: 05927402 Unique Number : 10607349

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : UCS05927402 Received : 17 Aug 2023 Diagnosed : 18 Aug 2023 Diagnostician : Don Baldridge

Test Package : IND 2

Certificate L2367 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.

**SULLIVAN PALATEK** 

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