### <u>Sullivan</u> Palatek。

## **OIL ANALYSIS REPORT**

#### Sample Rating Trend

NORMAL

#### Area AIRLUBE UT ELGI 46 Machine Id ELGI MSCC375813 - SCENIC COLLISION 1 Component

Compressor

#### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

#### Fluid Condition

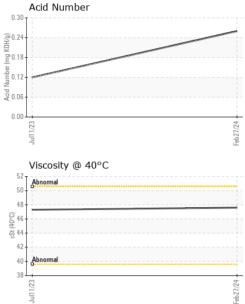
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

			Jul2023	Feb2024		
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCS06130768	UCS05905589	
Sample Date		Client Info		27 Feb 2024	11 Jul 2023	
Machine Age	hrs	Client Info		8885	3817	
Oil Age	hrs	Client Info		5683	1954	
Oil Changed		Client Info		Changed	Not Changd	
Sample Status				NORMAL	NORMAL	
CONTAMINATION	1	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	<1	
Chromium	ppm	ASTM D5185m	>10	0	0	
Nickel	ppm	ASTM D5185m		0	<1	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>25	1	<1	
Lead	ppm	ASTM D5185m	>25	0	0	
Copper	ppm	ASTM D5185m	>50	0	0	
Tin	ppm	ASTM D5185m	>15	0	<1	
Vanadium	ppm	ASTM D5185m		0	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	
Barium	ppm	ASTM D5185m		0	0	
Molybdenum	ppm	ASTM D5185m		0	0	
Manganese	ppm	ASTM D5185m		0	<1	
Magnesium	ppm	ASTM D5185m		<1	<1	
Calcium	ppm	ASTM D5185m		3	<1	
Phosphorus	ppm	ASTM D5185m		5	4	
Zinc	ppm	ASTM D5185m		0	3	
Sulfur	ppm	ASTM D5185m		0	19	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1	<1	
Sodium	ppm	ASTM D5185m		0	<1	
Potassium	ppm	ASTM D5185m	>20	1	2	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.26	0.12	



# **OIL ANALYSIS REPORT**

VISUAL



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Bottom or image CRAPHS Forrous Alloys 0 0 0 0 0 0 0 0 0 0 0 0 0		SAMPLE IMAG	iES	method	limit/base	current	history1	history2
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Lab Number : 06130768 Tested : 28 Mar 2024 ELKI		Non-ferrous Me			Feb27/24			
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