

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id

SULLIVAN PALATEK 1404250002

Component Compressor

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.

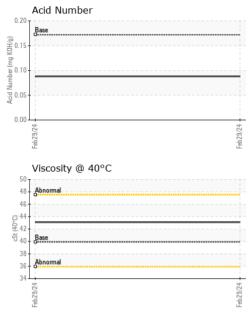
Fluid Condition

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

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCS06152127		
Sample Date		Client Info		29 Feb 2024		
Machine Age	hrs	Client Info		17750		
Oil Age	hrs	Client Info		1386		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	0		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>50	1		
Tin	ppm	ASTM D5185m	>15	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0.0	0		
Barium	ppm	ASTM D5185m	0.0	0		
Molybdenum	ppm	ASTM D5185m	0	0		
Manganese	ppm	ASTM D5185m	0	<1		
Magnesium	ppm	ASTM D5185m	0.0	0		
Calcium	ppm	ASTM D5185m	0.0	<1		
Phosphorus	ppm	ASTM D5185m	966	543		
Zinc	ppm	ASTM D5185m	0	0		
Sulfur	ppm	ASTM D5185m	1309	1263		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	2		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	2		
FLUID DEGRADA		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.172	0.088		



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	VISUAL		method	limit/base	e current	history1	history2	
	White Metal	scalar	*Visual	NONE	NONE			
	Yellow Metal	scalar	*Visual	NONE	NONE			
	Precipitate	scalar	*Visual	NONE	NONE			
	Silt	scalar	*Visual	NONE	NONE			
1	Debris	scalar	*Visual	NONE	LIGHT			
	Sand/Dirt	scalar	*Visual	NONE	NONE			
Feb 29/24	Appearance	scalar	*Visual	NORML	NORML			
Fet	Odor	scalar	*Visual	NORML	NORML			
	Emulsified Water	scalar	*Visual	>0.1	NEG			
	Free Water	scalar	*Visual		NEG			
	FLUID PROPERT	IES	method	limit/base	e current	history1	history2	
	Visc @ 40°C	cSt	ASTM D445	39.9	43.1			
-	SAMPLE IMAGES	3	method	limit/base	e current	history1	history2	
Feb29/24	Color					no image	no image	
	Bottom					no image	no image	
	b b b b b b b b b b b b b b b b b b b			Feb29/24				
	Non-ferrous Metal							
	Viscosity @ 40°C			Feb29/24	Acid Number			
	00 Feb29/24			Feb29/24	Feb29/24		20 D	
Laboratory Sample No. Lab Number Unique Number Test Package discuss this sample report, Denotes test methods that	: UCS06152127 : 06152127 : 10982205 : IND 2 , contact Customer Servi	Madison Ave., Cary, NC 27513 Received : 17 Apr 2024 Tested : 18 Apr 2024 Diagnosed : 19 Apr 2024 - Sean Felton <i>ce at 1-800-237-1369.</i> 7025 scope of accreditation. In the simple acceptance decision rule (JCGM 106:201.				off	AIRLE TRAVERSE CITY, M US 4968 Contact: MIK office@airlex.cor T: (231)929-160	

Contact/Location: MIKE ? - UCAIRTRA