

OIL ANALYSIS REPORT

Area ACS-32 [418146] SULLAIR 202102060018 - SOUTHEAST

Component Compressor

Recommendation

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

The AN level is at the top-end of the recommended limit.

STERN PLAS	51162					
				Apr2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06148790		
Sample Date		Client Info		04 Apr 2024		
Machine Age	hrs	Client Info		23053		
Dil Age	hrs	Client Info		6590		
Dil Changed		Client Info		Changed		
Sample Status				ATTENTION		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>50	<1		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m		0		
Fitanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m		0		
ead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m		1		
Fin ,	ppm		>15	<1		
/anadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	1	3		
Barium	ppm	ASTM D5185m	730	509		
Nolybdenum	ppm	ASTM D5185m	0	0		
Manganese	ppm	ASTM D5185m	0.0	<1		
Agnesium	ppm	ASTM D5185m	0	1		
Calcium	ppm	ASTM D5185m	0	6		
Phosphorus	ppm	ASTM D5185m	0	3		
Zinc	ppm	ASTM D5185m	0	30		
Sulfur	ppm	ASTM D5185m	590	591		
CONTAMINANTS		method	limit/base		history1	history2
Silicon	ppm		>25	<1		
Sodium	ppm	ASTM D5185m	> 20	48		
Potassium	ppm	ASTM D5185m	>20	11		
FLUID DEGRADA	ATION	method	limit/base		history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.14	<mark> </mark> 2.12		

Sample Rating Trend

DEGRADATION



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> 4 Abno 38 36 Apr4/24

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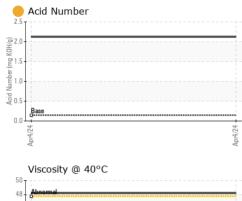
Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

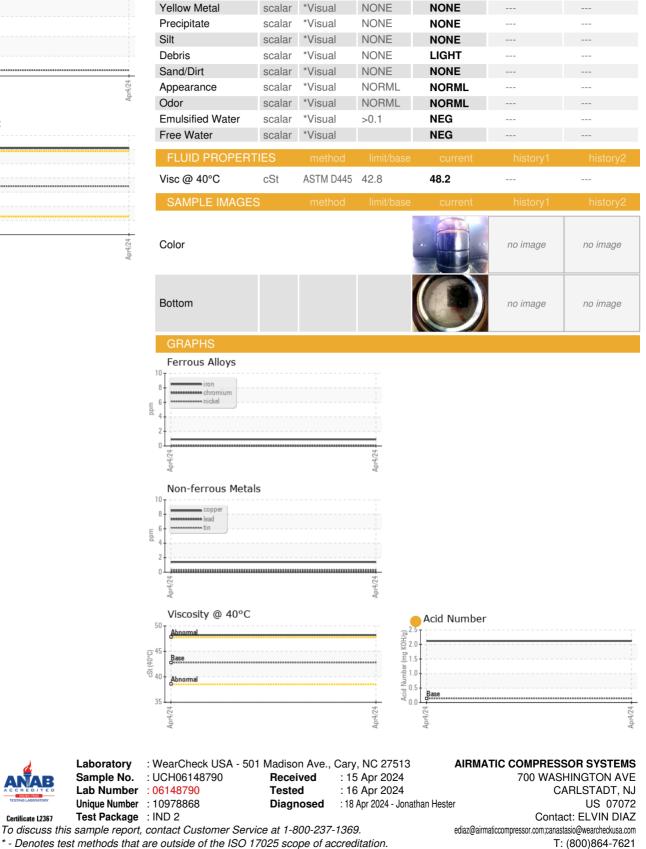
*Visual

NONE

LIGHT

White Metal





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Certificate 12367

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