SULLAIR.

OIL ANALYSIS REPORT

Sample Rating Trend

DEGRADATION

Area WASHINGTON PENN Machine for 200703260031

Air Compressor Fluid {not provided} (--- GAL)

DIAGNOSIS

Recommendation

The oil is near the end of it's useful service life, recommend schedule an oil change. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

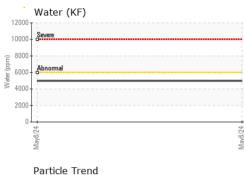
There is a trace of moisture present in the oil. The amount and size of particulates present in the system are acceptable.

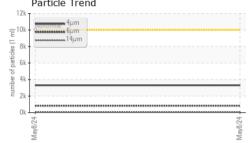
Fluid Condition

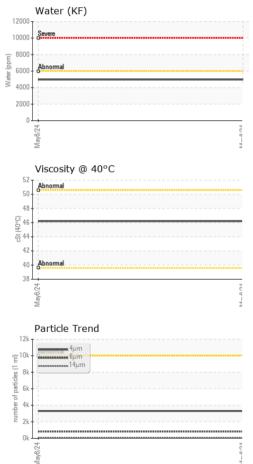
The AN level is at the top-end of the recommended limit.

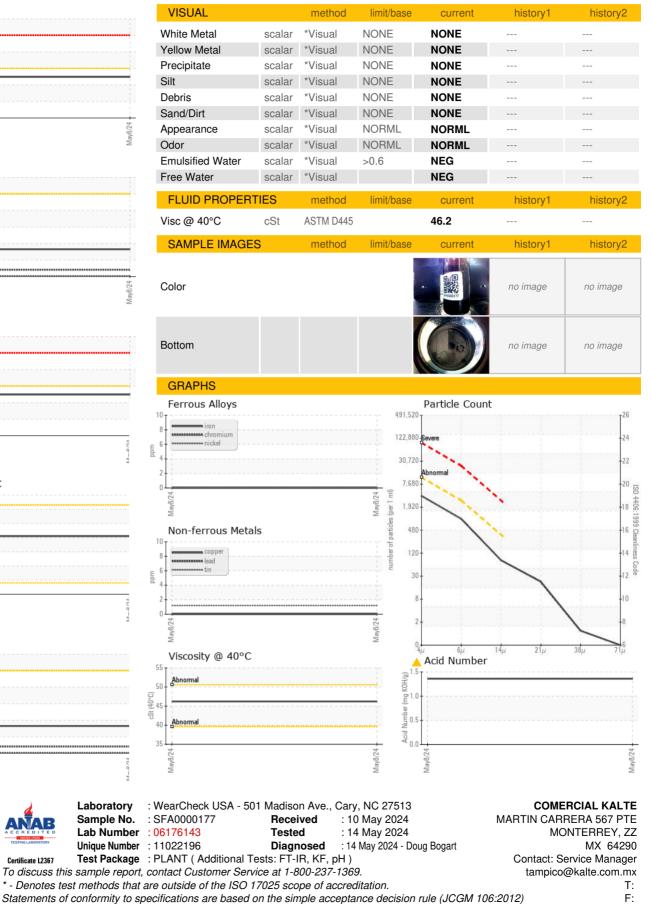
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		SFA0000177		
Sample Date		Client Info		08 May 2024		
Machine Age	hrs	Client Info		44844		
Oil Age	hrs	Client Info		6000		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0		
Chromium	ppm	ASTM D5185m	>4	0		
Nickel	ppm	ASTM D5185m	>4	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum		ASTM D5185m	>10	0		
Lead	ppm	ASTM D5185m	>20	0		
	ppm					
Copper	ppm	ASTM D5185m	>40	0		
Tin	ppm	ASTM D5185m	>5	1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		416		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		2		
Calcium	ppm	ASTM D5185m		4		
Phosphorus	ppm	ASTM D5185m		2		
Zinc	ppm	ASTM D5185m		18		
Sulfur	ppm	ASTM D5185m		398		
CONTAMINANTS	6	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0		
Sodium	ppm	ASTM D5185m		94		
Potassium	ppm	ASTM D5185m	>20	11		
Water	%	ASTM D6304		0.497		
ppm Water	ppm	ASTM D6304		4972		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	3300		
Particles >6µm		ASTM D7647	>2500	827		
Particles >14µm		ASTM D7647	>320	69		
Particles >21µm		ASTM D7647		19		
Particles >38µm		ASTM D7647	>20	1		
Particles >71µm		ASTM D7647		0		
Oil Cleanliness		ISO 4406 (c)	>20/18/15	19/17/13		
		()			bistowet	
FLUID DEGRADA		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		1.36		

OIL ANALYSIS REPORT









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Certificate 12367

Contact/Location: Service Manager - SFA604630