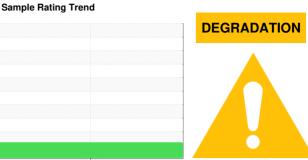


OIL ANALYSIS REPORT



WASHINGTON PENN 201212220006

Air Compressor

SULLAIR SULLUBE (5 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.

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.

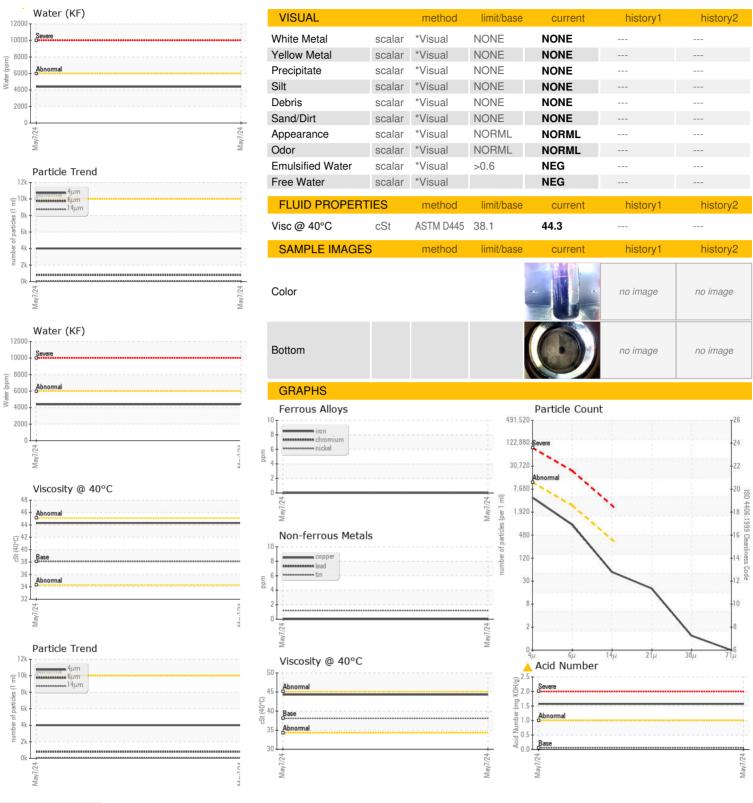
Fluid Condition

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

				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		SFA0000290		
Sample Date		Client Info		07 May 2024		
Machine Age	hrs	Client Info		16472		
Oil Age	hrs	Client Info		0		
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	ppm	ASTM D5185m	>10	0		
Lead	ppm	ASTM D5185m	>20	0		
Copper	ppm	ASTM D5185m	>40	0		
Tin	ppm	ASTM D5185m	>5	1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
	le le					
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m	745	23		
Molybdenum	ppm	ASTM D5185m	0.0	0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	0.0	0		
Calcium	ppm	ASTM D5185m	1	0		
Phosphorus	ppm	ASTM D5185m	3	<1		
Zinc	ppm	ASTM D5185m	0.1	<1		
Sulfur	ppm	ASTM D5185m	240	810		
CONTAMINANTS	}	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1		
Sodium	ppm	ASTM D5185m		14		
Potassium	ppm	ASTM D5185m	>20	1		
Water	%	ASTM D6304	>0.6	0.438		
ppm Water	ppm	ASTM D6304	>6000	4388		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4μm		ASTM D7647	>10000	4005		
Particles >6µm		ASTM D7647	>2500	788		
Particles >14μm		ASTM D7647	>320	46		
Particles >21µm		ASTM D7647	>80	17		
Particles >38μm		ASTM D7647	>20	1		
Particles >71μm		ASTM D7647	>4	0		
Oil Cleanliness		ISO 4406 (c)	>20/18/15	19/17/13		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	.06	<u> </u>		



OIL ANALYSIS REPORT





Certificate 12367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

: SFA0000290

Lab Number : 06176142

Unique Number : 11022195

Test Package: PLANT (Additional Tests: FT-IR, KF, pH)

Received

Diagnosed

Tested

: 10 May 2024

: 14 May 2024

: 14 May 2024 - Doug Bogart

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.

COMERCIAL KALTE MARTIN CARRERA 567 PTE

MONTERREY, ZZ MX 64290

Contact: Service Manager tampico@kalte.com.mx

T: F: