



OIL ANALYSIS REPORT

Sample Rating Trend



DIRT



Area

CERAMICAS SAN LORENZO

Machine Id

COMPRESOR #4 /VCC200SL (S/N 201805250066)

Component

Air Compressor

Fluid

SULLAIR SULLUBE (20 GAL)

DIAGNOSIS

Recommendation

Le recomendamos que realice el mantenimiento de los filtros de este componente. Vuelva a muestrear en el siguiente intervalo de servicio para monitorear. No pudimos realizar un conteo de partículas debido a la alta concentración de partículas presentes en esta muestra.

Wear

Todas las tasas de desgaste de los componentes son normales.

Contamination

Nivel elemental de silicio (Si) por encima de lo normal que indica la entrada de material del sello. Concentración moderada de contaminantes/desgaste visibles presentes en el oil.

Fluid Condition

El nivel de acidez es aceptable para este fluido.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		SFA0000288	---	---
Sample Date	Client Info		02 May 2024	---	---
Machine Age	hrs	Client Info	44280	---	---
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	<1	---	---
Chromium	ppm	ASTM D5185m >4	0	---	---
Nickel	ppm	ASTM D5185m >4	0	---	---
Titanium	ppm	ASTM D5185m	<1	---	---
Silver	ppm	ASTM D5185m	<1	---	---
Aluminum	ppm	ASTM D5185m >10	1	---	---
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	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	---	---
Barium	ppm	ASTM D5185m 745	792	---	---
Molybdenum	ppm	ASTM D5185m 0.0	0	---	---
Manganese	ppm	ASTM D5185m	0	---	---
Magnesium	ppm	ASTM D5185m 0.0	0	---	---
Calcium	ppm	ASTM D5185m 1	3	---	---
Phosphorus	ppm	ASTM D5185m 3	0	---	---
Zinc	ppm	ASTM D5185m 0.1	9	---	---
Sulfur	ppm	ASTM D5185m 240	339	---	---

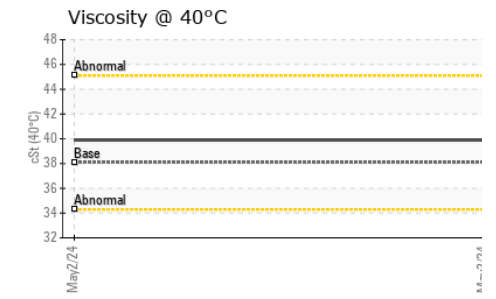
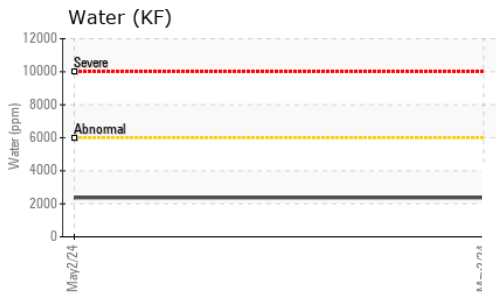
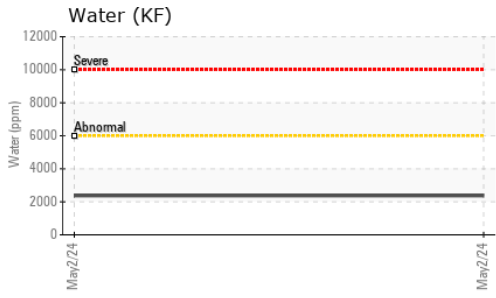
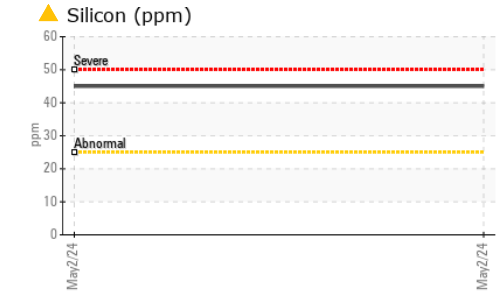
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	▲ 45	---	---
Sodium	ppm	ASTM D5185m	66	---	---
Potassium	ppm	ASTM D5185m >20	5	---	---
Water	%	ASTM D6304 >0.6	0.237	---	---
ppm Water	ppm	ASTM D6304 >6000	2372	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 .06	0.41	---	---

OIL ANALYSIS REPORT

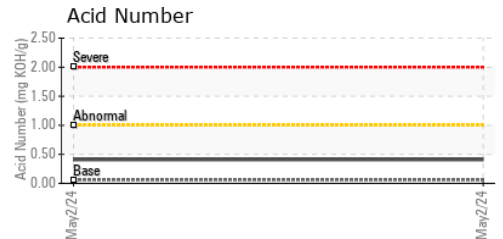
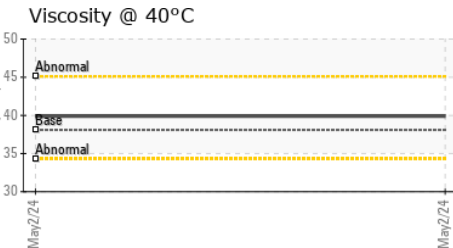
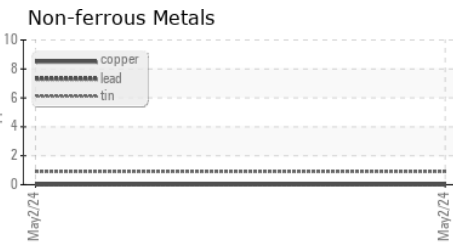
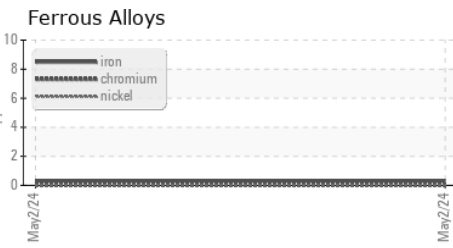


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	▲ MODER	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.6	NEG	---
Free Water	scalar	*Visual		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	38.1	39.9	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : SFA0000288 **Received** : 10 May 2024
Lab Number : 06176144 **Tested** : 14 May 2024
Unique Number : 11022197 **Diagnosed** : 14 May 2024 - Doug Bogart
Test Package : PLANT (Additional Tests: FT-IR, KF, pH)

AINSA COLOMBIA SAS
 CALLE 18 # 68D25
 BOGOTA, DC
 CO
 Contact: KEVIN DANIEL RIVERA PEA
 aplicaciones@ainsa.com.co

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.

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