



# OIL ANALYSIS REPORT

Sample Rating Trend

DEGRADATION

Area  
**29 AIR COMPRESSORS**  
 Machine Id  
**Sea Can Compressor #6 (S/N 295111)**  
 Component  
**Compressor**  
 Fluid  
**SULLAIR SULLUBE (30 GAL)**



## DIAGNOSIS

### Recommendation

We recommend that you drain the oil from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

The water content is negligible. There is no indication of any contamination in the oil.

### Fluid Condition

The AN level is above the recommended limit. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC</b>	---	---
Sample Date	Client Info		<b>21 Mar 2024</b>	---	---
Machine Age	hrs	Client Info	<b>0</b>	---	---
Oil Age	hrs	Client Info	<b>0</b>	---	---
Oil Changed	Client Info		<b>N/A</b>	---	---
Sample Status			<b>ABNORMAL</b>	---	---

## WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*		<b>0</b>	---	---
Iron	ppm	ASTM D5185(m) >50	<b>4</b>	---	---
Chromium	ppm	ASTM D5185(m) >5	<b>0</b>	---	---
Nickel	ppm	ASTM D5185(m)	<b>0</b>	---	---
Titanium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m) >15	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185(m) >65	<b>0</b>	---	---
Copper	ppm	ASTM D5185(m) >65	<b>5</b>	---	---
Tin	ppm	ASTM D5185(m) >10	<b>0</b>	---	---
Antimony	ppm	ASTM D5185(m)	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Beryllium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Cadmium	ppm	ASTM D5185(m)	<b>0</b>	---	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 12	<b>&lt;1</b>	---	---
Barium	ppm	ASTM D5185(m) 500	<b>561</b>	---	---
Molybdenum	ppm	ASTM D5185(m) 0.0	<b>0</b>	---	---
Manganese	ppm	ASTM D5185(m)	<b>0</b>	---	---
Magnesium	ppm	ASTM D5185(m) 0.0	<b>&lt;1</b>	---	---
Calcium	ppm	ASTM D5185(m) 8.2	<b>2</b>	---	---
Phosphorus	ppm	ASTM D5185(m) 4.0	<b>&lt;1</b>	---	---
Zinc	ppm	ASTM D5185(m) 0.1	<b>407</b>	---	---
Sulfur	ppm	ASTM D5185(m) 240	<b>368</b>	---	---
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---

## CONTAMINANTS

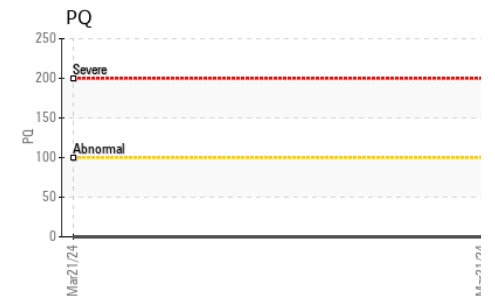
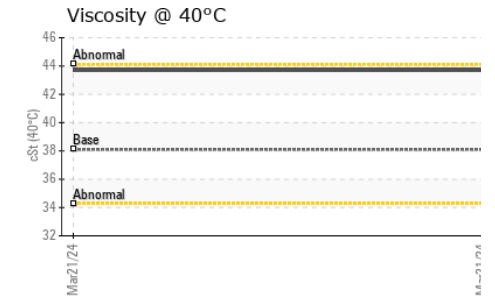
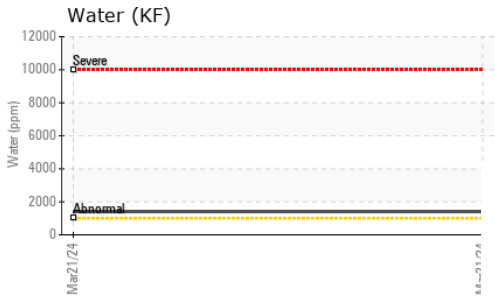
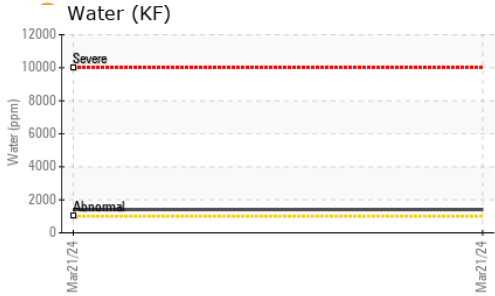
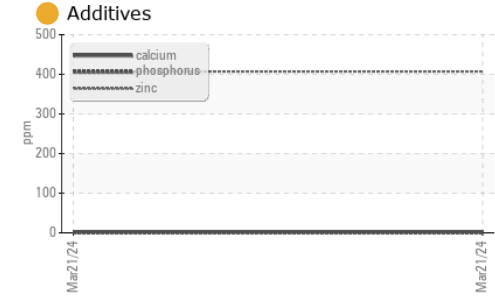
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >35	<b>0</b>	---	---
Sodium	ppm	ASTM D5185(m)	<b>39</b>	---	---
Potassium	ppm	ASTM D5185(m) >20	<b>14</b>	---	---
Water	%	ASTM D6304* >0.1	<b>0.141</b>	---	---
ppm Water	ppm	ASTM D6304* >1000	<b>1410</b>	---	---

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974* 0.06	<b>▲ 1.29</b>	---	---



# OIL ANALYSIS REPORT



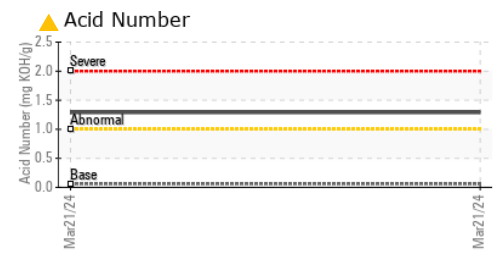
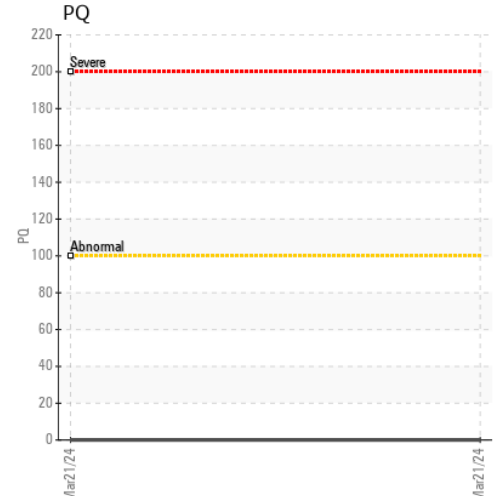
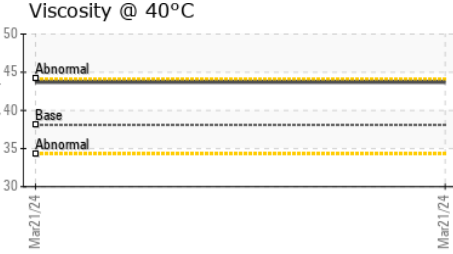
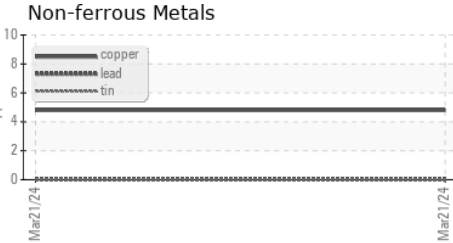
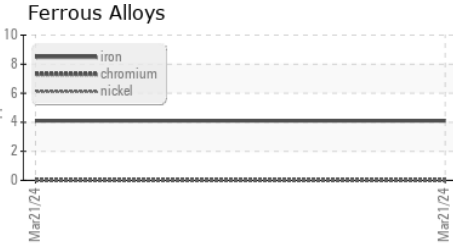
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	VLITE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	38.1	43.7	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
---------------	--------	------------	---------	----------	----------

Color				no image	no image
Bottom				no image	no image

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC **Received** : 01 Apr 2024  
**Lab Number** : **02625724** **Tested** : 03 Apr 2024  
**Unique Number** : 5750843 **Diagnosed** : 03 Apr 2024 - Kevin Marson  
**Test Package** : IND 2 ( Additional Tests: KF, TAN Man )

**AV GROUP NB INC.**  
 103 PINDER ROAD,, NACKAWIC MILL  
 NACKAWIC, NB  
 CA E6G 1W4  
 Contact: Alan Vanwagener  
 alan.vanwagener@adityabirla.com

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.