



# OIL ANALYSIS REPORT

Sample Rating Trend



ISO



Machine Id  
**Bark Reclaim Hooper Conveyor**

Component  
**Unknown Component**

Fluid  
**MOBIL SHC 629 (--- GAL)**

## DIAGNOSIS

### Recommendation

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

### Wear

All component wear rates are normal.

### Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present in the sample.

### Fluid Condition

The sample viscosity is lower than typical, possibly indicating the addition of lighter grade sample. The AN level is acceptable for this fluid. The sample is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Client Info		<b>WC</b>	---	---
Client Info		<b>16 Jan 2024</b>	---	---
Client Info		<b>0</b>	---	---
Client Info		<b>0</b>	---	---
Client Info		<b>N/A</b>	---	---
		<b>ABNORMAL</b>	---	---

## CONTAMINATION

method	limit/base	current	history1	history2
WC Method		<b>NEG</b>	---	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185(m)		<b>19</b>	---	---
Chromium ppm ASTM D5185(m)		<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)		<b>&lt;1</b>	---	---
Lead ppm ASTM D5185(m)		<b>0</b>	---	---
Copper ppm ASTM D5185(m)		<b>&lt;1</b>	---	---
Tin ppm ASTM D5185(m)		<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)		<b>0</b>	---	---
Barium ppm ASTM D5185(m)		<b>0</b>	---	---
Molybdenum ppm ASTM D5185(m)		<b>0</b>	---	---
Manganese ppm ASTM D5185(m)		<b>0</b>	---	---
Magnesium ppm ASTM D5185(m)		<b>0</b>	---	---
Calcium ppm ASTM D5185(m)		<b>&lt;1</b>	---	---
Phosphorus ppm ASTM D5185(m)		<b>435</b>	---	---
Zinc ppm ASTM D5185(m)		<b>2</b>	---	---
Sulfur ppm ASTM D5185(m)		<b>90</b>	---	---
Lithium ppm ASTM D5185(m)		<b>&lt;1</b>	---	---

## CONTAMINANTS

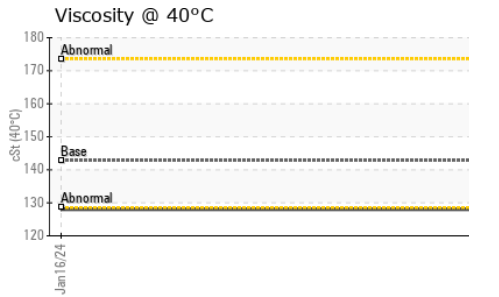
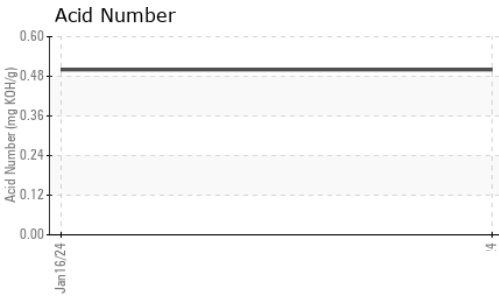
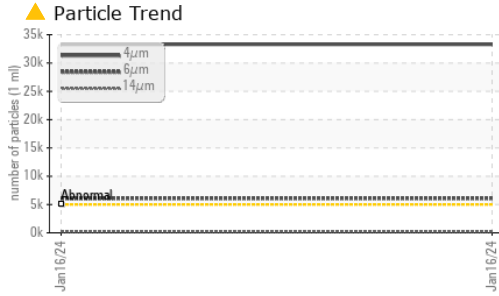
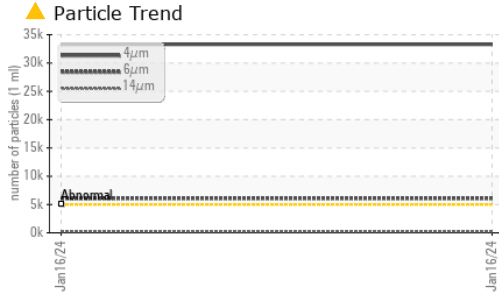
method	limit/base	current	history1	history2
ASTM D5185(m)		<b>11</b>	---	---
ASTM D5185(m)		<b>0</b>	---	---
ASTM D5185(m)	>20	<b>&lt;1</b>	---	---

## FLUID CLEANLINESS

method	limit/base	current	history1	history2
ASTM D7647	>5000	<b>▲ 33291</b>	---	---
ASTM D7647	>1300	<b>▲ 6089</b>	---	---
ASTM D7647	>160	<b>▲ 215</b>	---	---
ASTM D7647	>40	<b>▲ 61</b>	---	---
ASTM D7647	>10	<b>8</b>	---	---
ASTM D7647	>3	<b>1</b>	---	---
ISO 4406 (c)	>19/17/14	<b>▲ 22/20/15</b>	---	---



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FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*		<b>0.50</b>	---	---

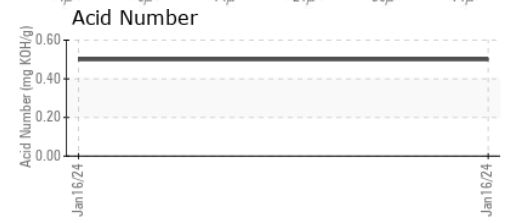
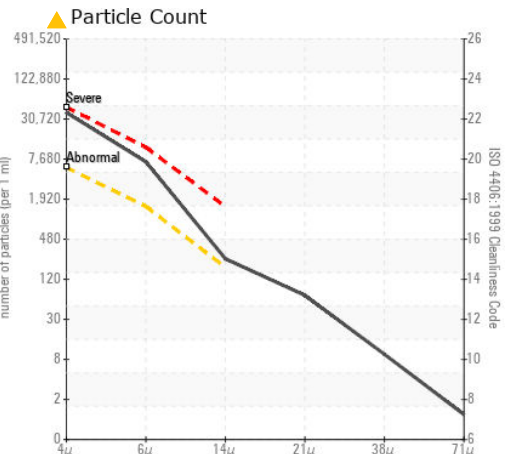
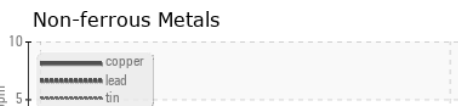
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Precipitate	scalar	Visual*	NONE	<b>NONE</b>	---	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Debris	scalar	Visual*	NONE	<b>VLITE</b>	---	---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

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	142.8	<b>128</b>	---	---

### 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** : 22 Jan 2024  
**Lab Number** : **02610435** **Diagnosed** : 23 Jan 2024  
**Unique Number** : 5711521 **Diagnostician** : Kevin Marson  
**Test Package** : IND 2 ( Additional Tests: PrtCount, TAN Man )

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

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.