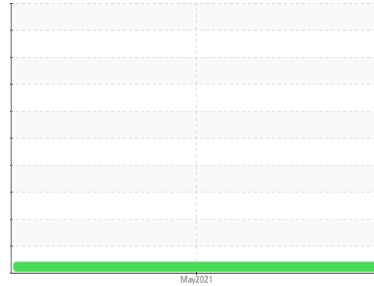




PROBLEM SUMMARY

Area
Lac Seul GS
 Machine Id
FP5 KAPLAN
 Component
Unknown Component
 Fluid
NOT GIVEN (--- GAL)

Sample Rating Trend



VIS DEBRIS



COMPONENT CONDITION SUMMARY

No relevant graphs to display

RECOMMENDATION

Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment. We advise that you check all areas where contaminants can enter the system. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please specify the brand, type, and viscosity of the oil on your next sample. We suspect that the abnormal contaminant(s) is the result of incorrect sampling technique. DISCLAIMER: Interpretation of laboratory tests is based on sample, as received from client. Source of sample and sampling technique cannot be verified.

PROBLEMATIC TEST RESULTS

Sample Status				MARGINAL	---	---
Debris	scalar	Visual*	NONE	▲ LIGHT	---	---
PrtFilter					no image	no image

Customer Id: ONTKEE
Sample No.: WC
Lab Number: 02423564
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Kevin Marson +1 (289)291-4644 x4644
Kevin.Marson@wearcheck.com

To change component or sample information:
 Gloria Gonzalez +1 (289)291-4643 x4643
gloria.gonzalez@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Filter	---	---	?	We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid.
Alert	---	---	?	<p>Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment. We suspect that the abnormal contaminant(s) is the result of incorrect sampling technique. DISCLAIMER: Interpretation of laboratory tests is based on sample, as received from client. Source of sample and sampling technique cannot be verified.</p>
Information Required	---	---	?	Please specify the brand, type, and viscosity of the oil on your next sample. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.
Check Dirt Access	---	---	?	We advise that you check all areas where contaminants can enter the system.
Filter Fluid	---	---	?	We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid.

HISTORICAL DIAGNOSIS

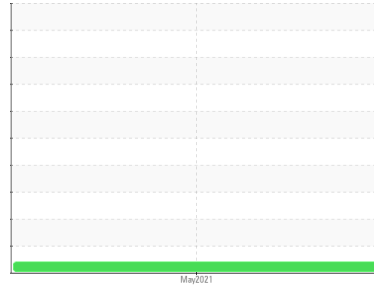


OIL ANALYSIS REPORT

Sample Rating Trend

VIS DEBRIS

Area
Lac Seul GS
 Machine Id
FP5 KAPLAN
 Component
Unknown Component
 Fluid
NOT GIVEN (--- GAL)



DIAGNOSIS

Recommendation

Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment. We advise that you check all areas where contaminants can enter the system. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please specify the brand, type, and viscosity of the oil on your next sample. We suspect that the abnormal contaminant(s) is the result of incorrect sampling technique. DISCLAIMER: Interpretation of laboratory tests is based on sample, as received from client. Source of sample and sampling technique cannot be verified.

Wear

All component wear rates are normal.

Contamination

Light concentration of visible dirt/debris present in the sample.

Fluid Condition

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
Sample Number	Client Info	WC	---	---
Sample Date	Client Info	03 May 2021	---	---
Machine Age	hrs Client Info	0	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		MARGINAL	---	---

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method	NEG	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185(m)	6	---	---
Chromium ppm	ASTM D5185(m)	0	---	---
Nickel ppm	ASTM D5185(m)	<1	---	---
Titanium ppm	ASTM D5185(m)	0	---	---
Silver ppm	ASTM D5185(m)	<1	---	---
Aluminum ppm	ASTM D5185(m)	<1	---	---
Lead ppm	ASTM D5185(m)	<1	---	---
Copper ppm	ASTM D5185(m)	10	---	---
Tin ppm	ASTM D5185(m)	<1	---	---
Antimony ppm	ASTM D5185(m)	0	---	---
Vanadium ppm	ASTM D5185(m)	0	---	---
Beryllium ppm	ASTM D5185(m)	0	---	---
Cadmium ppm	ASTM D5185(m)	0	---	---

ADDITIVES

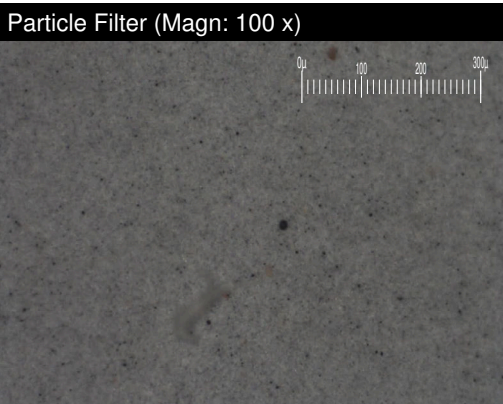
method	limit/base	current	history1	history2
Boron ppm	ASTM D5185(m)	<1	---	---
Barium ppm	ASTM D5185(m)	<1	---	---
Molybdenum ppm	ASTM D5185(m)	<1	---	---
Manganese ppm	ASTM D5185(m)	<1	---	---
Magnesium ppm	ASTM D5185(m)	10	---	---
Calcium ppm	ASTM D5185(m)	56	---	---
Phosphorus ppm	ASTM D5185(m)	331	---	---
Zinc ppm	ASTM D5185(m)	428	---	---
Sulfur ppm	ASTM D5185(m)	2707	---	---
Lithium ppm	ASTM D5185(m)	<1	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185(m)	2	---	---
Sodium ppm	ASTM D5185(m)	6	---	---
Potassium ppm	ASTM D5185(m) >20	<1	---	---

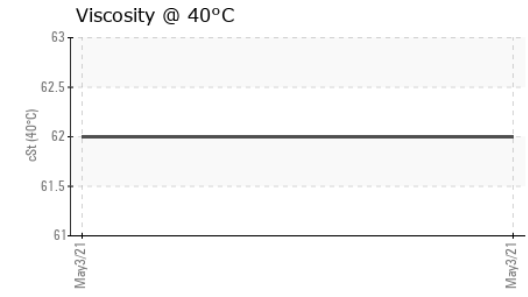
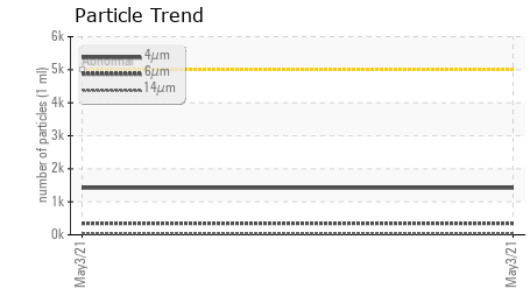
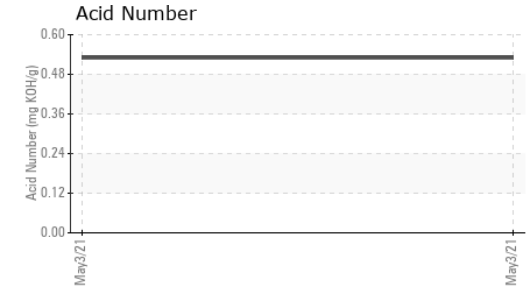
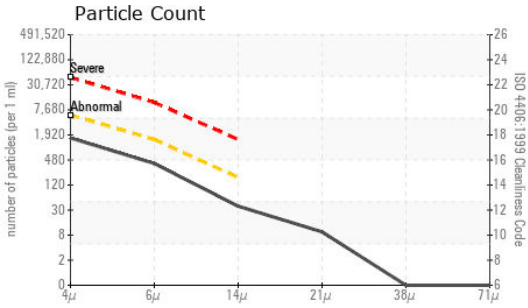
FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647 >5000	1422	---	---
Particles >6µm	ASTM D7647 >1300	347	---	---
Particles >14µm	ASTM D7647 >160	33	---	---
Particles >21µm	ASTM D7647 >40	8	---	---
Particles >38µm	ASTM D7647 >10	0	---	---
Particles >71µm	ASTM D7647 >3	0	---	---
Oil Cleanliness	ISO 4406 (c) >19/17/14	18/16/12	---	---





OIL ANALYSIS REPORT



FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*		0.53	---	---

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	▲ LIGHT	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*		NEG	---	---
Free Water	scalar	Visual*		NEG	---	---

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)		62.0	---	---

SAMPLE IMAGES

method	limit/base	current	history1	history2
Color			no image	no image
Bottom			no image	no image
PrtFilter			no image	no image



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC **Received** : 26 May 2021
Lab Number : **02423564** **Diagnosed** : 27 May 2021
Unique Number : 5227064 **Diagnostician** : Kevin Marson
Test Package : IND 2 (Additional Tests: Bottom, BottomAnalysis, FILTERPATCH, PrtCount)
 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.

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