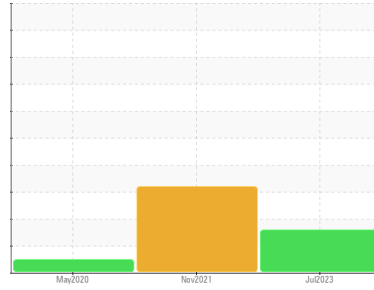


PROBLEM SUMMARY

Sample Rating Trend



WATER

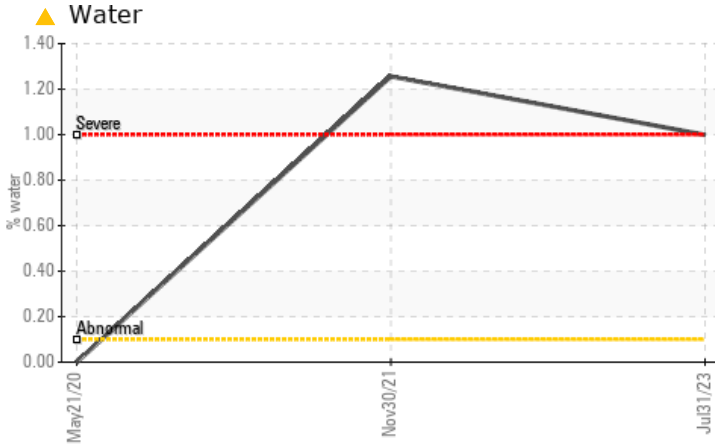


Machine Id
DR140 - KDK

Component
Transmission (Auto)

Fluid
PETRO CANADA ATF D3M (120 LTR)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We advise that you check for the source of water entry. The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status

ABNORMAL SEVERE NORMAL

Customer Id: GFL286
Sample No.: PC0077039
Lab Number: 02578934
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
Resample	---	---	?	We recommend an early resample to monitor this condition.
Check Water Access	---	---	?	We advise that you check for the source of water entry.

HISTORICAL DIAGNOSIS

30 Nov 2021 Diag: Kevin Marson

WATER



We advise that you check for the source of water entry. The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a high concentration of water present in the fluid. Test for glycol is negative. The fluid is no longer serviceable due to the presence of contaminants.

[view report](#)



21 May 2020 Diag: Kevin Marson

NORMAL



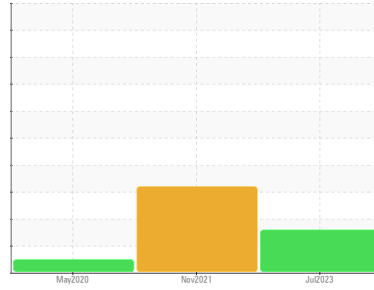
Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. All component wear rates are normal. There is no indication of any contamination in the fluid. Additive levels indicate the addition of a different brand, or type of oil. The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

[view report](#)



COOLANT REPORT

Sample Rating Trend



WATER



Machine Id
DR140 - KDK

Component
Transmission (Auto)
Fluid
PETRO CANADA ATF D3M (120 LTR)

DIAGNOSIS

Recommendation

We advise that you check for the source of water entry. The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

Wear

All component wear rates are normal.

Contamination

There is a moderate concentration of water present in the fluid.

Fluid Condition

The AN level is acceptable for this fluid. The fluid is no longer serviceable due to the presence of contaminants.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PC0077039	PC0057068	PC0030601
Sample Date	Client Info	31 Jul 2023	30 Nov 2021	21 May 2020
Machine Age	hrs	15545	13340	10857
Oil Age	hrs	0	0	0
Oil Changed	Client Info	Changed	Changed	Changed
Sample Status		ABNORMAL	SEVERE	NORMAL

CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185(m) 5	6	15	19
Phosphorus ppm	ASTM D5185(m) 220	239	253	382
Boron ppm	ASTM D5185(m) 98	81	97	104
Molybdenum ppm	ASTM D5185(m)	<1	<1	<1

CORROSION

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185(m) >160	37	108	45
Aluminum ppm	ASTM D5185(m) >50	<1	2	<1
Copper ppm	ASTM D5185(m) >225	5	39	6
Lead ppm	ASTM D5185(m) >50	4	1	<1
Tin ppm	ASTM D5185(m) >10	<1	3	<1
Silver ppm	ASTM D5185(m) >5	<1	<1	<1
Zinc ppm	ASTM D5185(m)	13	33	163

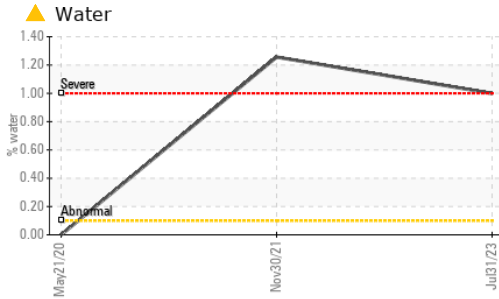
CARRIER SALTS

method	limit/base	current	history1	history2
Sodium ppm	ASTM D5185(m) 2	2	1	0
Potassium ppm	ASTM D5185(m)	<1	2	<1

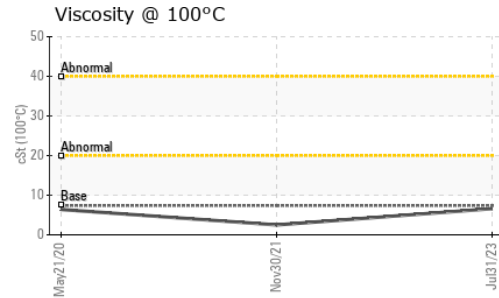
SCALE POTENTIAL

method	limit/base	current	history1	history2
Calcium ppm	ASTM D5185(m)	84	100	393
Magnesium ppm	ASTM D5185(m)	4	7	5

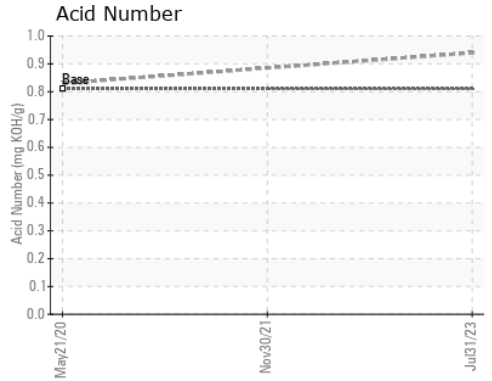
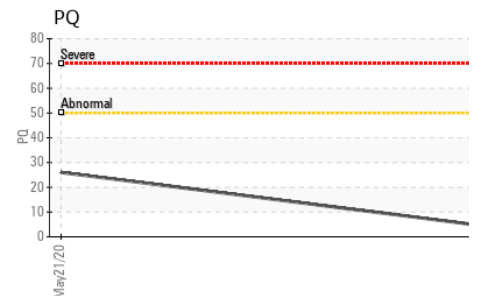
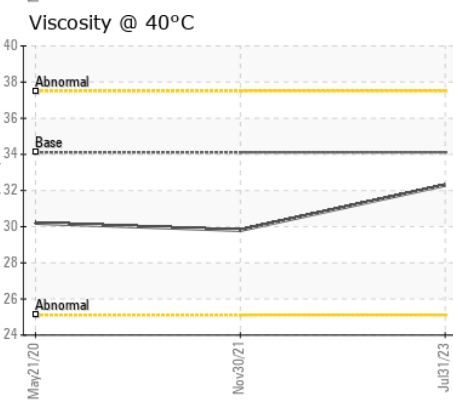
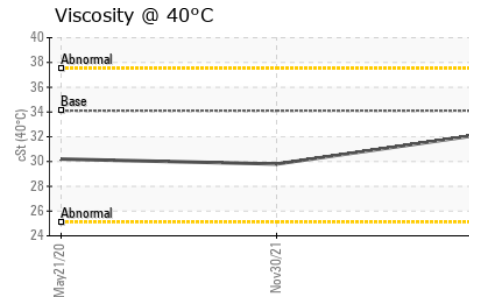
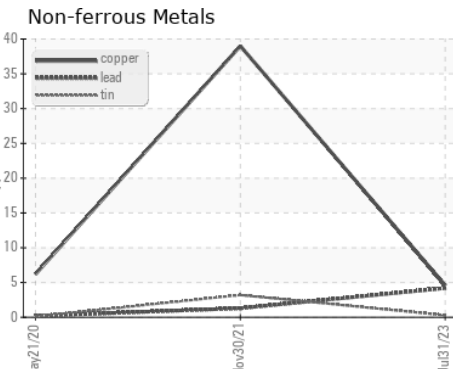
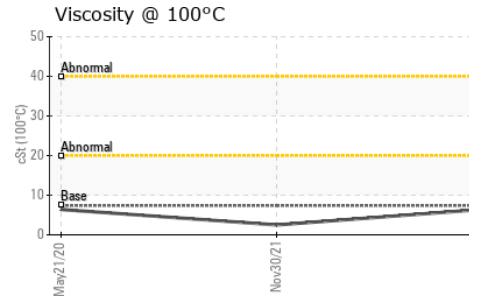
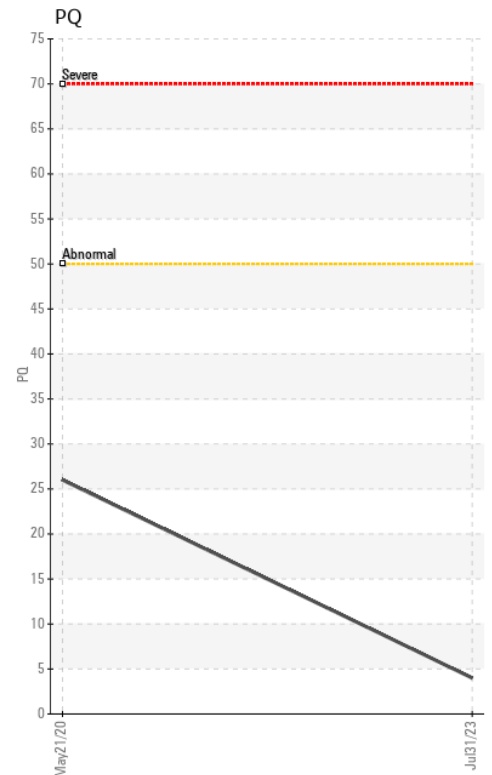
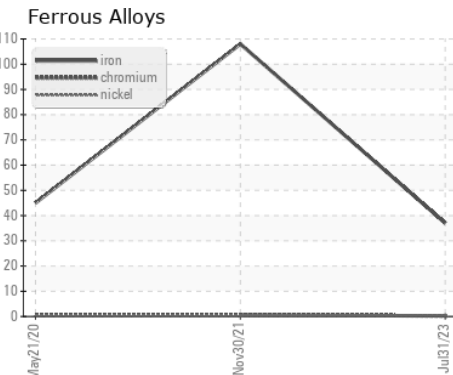
COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Color					
Bottom					



GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Green Infrastructure and Partners Inc (GIPI) - 286 - Shoring & Foundations
Sample No. : PC0077039 **Received** : 28 Aug 2023
Lab Number : 02578934 **Diagnosed** : 31 Aug 2023
Unique Number : 5631994 **Diagnostician** : Kevin Marson
Test Package : IND 2 (Additional Tests: Cool, KF, KV100, TAN Man, VI)

151 Ram Forest Rd,
 Stouffville, ON
 CA L4A 2G8
 Contact: Shannon Abbott
 sabbott@gipi.com
 T: (905)750-5900
 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.