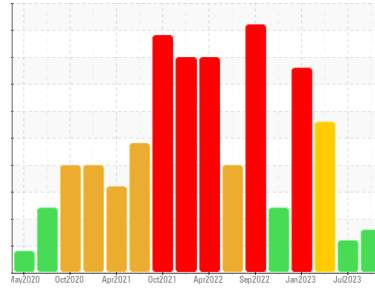


PROBLEM SUMMARY

Sample Rating Trend



WATER

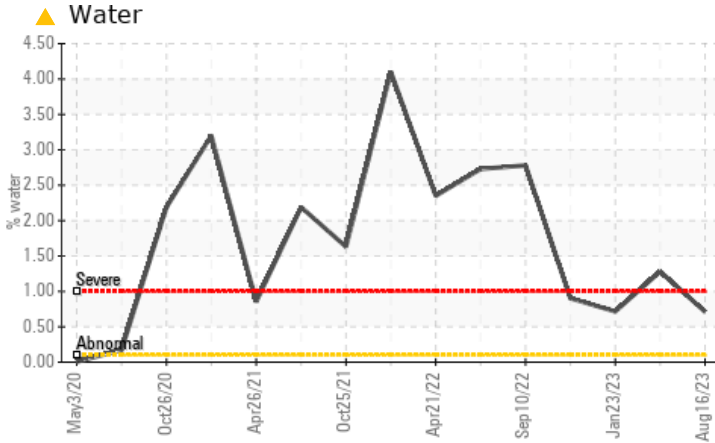


Machine Id
KR-GR-000325-NORTH - 15000 LB MIXER (S/N MIX D - 11513074)

Component
Gear Reducer

Fluid
PETRO CANADA 220 (48 LTR)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We advise that you check for the source of water entry. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	ATTENTION	SEVERE
Water	%	ASTM D6304	>0.1	▲ 0.713	---	● 1.28
ppm Water	ppm	ASTM D6304	>1000	▲ 7130	---	● 12800

Customer Id: KRAKIR
Sample No.: PCA0101928
Lab Number: 05926498
Test Package: IND 1



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Jonathan Hester +1 919-379-4092 x4092
jhester@wearcheckusa.com

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@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

31 Jul 2023 Diag: Jonathan Hester

VISCOSITY



No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within ISO 68 range, advise investigate. Confirm oil type. The AN level is acceptable for this fluid.

view report



23 Apr 2023 Diag: Don Baldrige

WATER



We advise that you check for the source of water entry. We advise that you follow the water drain-off procedure for this component. 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 oil. Free water present. The condition of the oil is acceptable for the time in service.

view report



23 Jan 2023 Diag: Don Baldrige

WATER



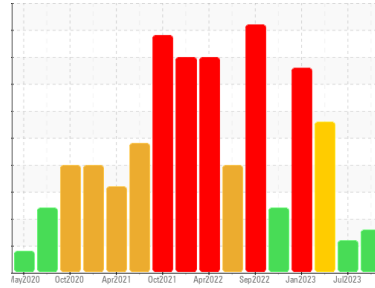
We advise that you check for the source of water entry. We advise that you follow the water drain-off procedure for this component, and use off-line filtration to improve the cleanliness of the system fluid. We recommend an early resample to monitor this condition. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. There is a high concentration of water present in the oil. Excessive free water present. The condition of the oil is acceptable for the time in service.

view report



OIL ANALYSIS REPORT

Sample Rating Trend



WATER



Machine Id
KR-GR-000325-NORTH - 15000 LB MIXER (S/N MIX D - 11513074)
 Component
Gear Reducer
 Fluid
PETRO CANADA 220 (48 LTR)

DIAGNOSIS

Recommendation

We advise that you check for the source of water entry. 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 oil.

Fluid Condition

The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION	method	limit/base	current	history1	history2
Sample Number	Client Info		PCA0101928	PCA0102535	PCA0093105
Sample Date	Client Info		16 Aug 2023	31 Jul 2023	23 Apr 2023
Machine Age	hrs	Client Info	0	0	0
Oil Age	hrs	Client Info	0	0	0
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			ABNORMAL	ATTENTION	SEVERE

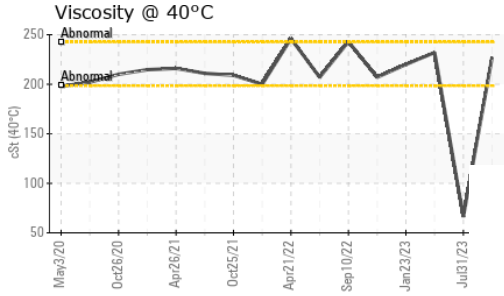
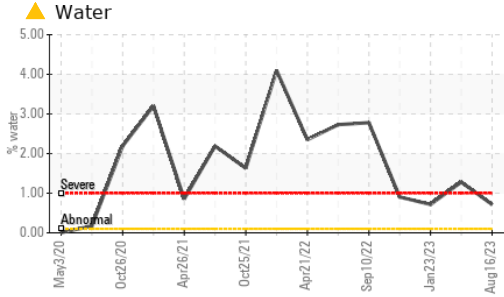
WEAR METALS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >150	46	<1	16
Chromium	ppm	ASTM D5185m >10	<1	1	0
Nickel	ppm	ASTM D5185m >10	0	1	0
Titanium	ppm	ASTM D5185m	0	1	0
Silver	ppm	ASTM D5185m	0	3	0
Aluminum	ppm	ASTM D5185m >25	0	0	0
Lead	ppm	ASTM D5185m >100	0	8	0
Copper	ppm	ASTM D5185m >50	0	2	0
Tin	ppm	ASTM D5185m >10	<1	3	0
Vanadium	ppm	ASTM D5185m	0	2	0
Cadmium	ppm	ASTM D5185m	0	<1	0

ADDITIVES	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	<1	<1
Barium	ppm	ASTM D5185m	0	0	0
Molybdenum	ppm	ASTM D5185m	0	<1	2
Manganese	ppm	ASTM D5185m	<1	<1	<1
Magnesium	ppm	ASTM D5185m	2	▲ 19	2
Calcium	ppm	ASTM D5185m	6	0	6
Phosphorus	ppm	ASTM D5185m	431	226	408
Zinc	ppm	ASTM D5185m	0	0	10
Sulfur	ppm	ASTM D5185m	1359	▲ 463	1149

CONTAMINANTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	3	3	3
Sodium	ppm	ASTM D5185m	2	45	<1
Potassium	ppm	ASTM D5185m >20	1	107	1
Water	%	ASTM D6304 >0.1	▲ 0.713	---	● 1.28
ppm Water	ppm	ASTM D6304 >1000	▲ 7130	---	● 12800

VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	NONE
Debris	scalar	*Visual NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	NONE
Appearance	scalar	*Visual NORML	NORML	NORML	▲ HAZY
Odor	scalar	*Visual NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual >0.1	0.2%	NEG	● 0.2%
Free Water	scalar	*Visual	NEG	NEG	▲ 1.0

OIL ANALYSIS REPORT

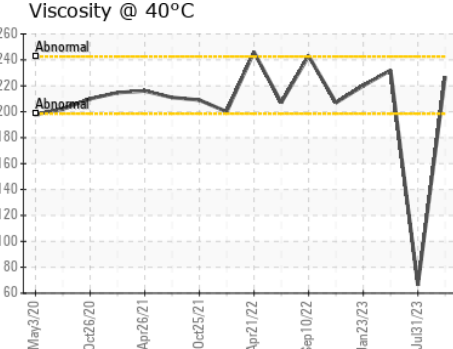
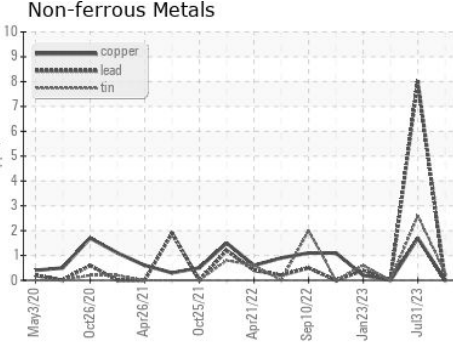
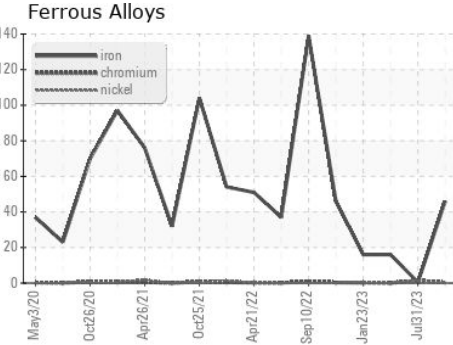


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		227	▲ 66.3	232

SAMPLE IMAGES		method	limit/base	current	history1	history2
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Color	no image		
Bottom	no image		

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0101928
Lab Number : 05926498
Unique Number : 10606445
Test Package : IND 1 (Additional Tests: KF)

KraftHeinz - Kirksville - Plant 8333 PCA
 2504 INDUSTRIAL DR
 KIRKSVILLE, MO
 US 63501
 Contact: WALLACE WARD
 wallace.ward@kraftheinzcompany.com
 T: (660)627-1031
 F: (660)627-5887

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)