



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ATTENTION
FLUID CONDITION	NORMAL

Machine Id
L-20 STUFFING (S/N B72190)

Component
Hydraulic System

Fluid
PETRO CANADA HYDREX AW 46 (60 GAL)

RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is a light amount of silt (particulates < 14 microns in size) present in the oil. The water content is negligible.

FLUID CONDITION

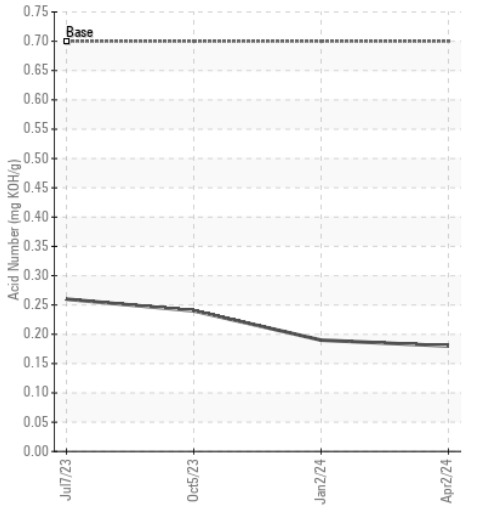
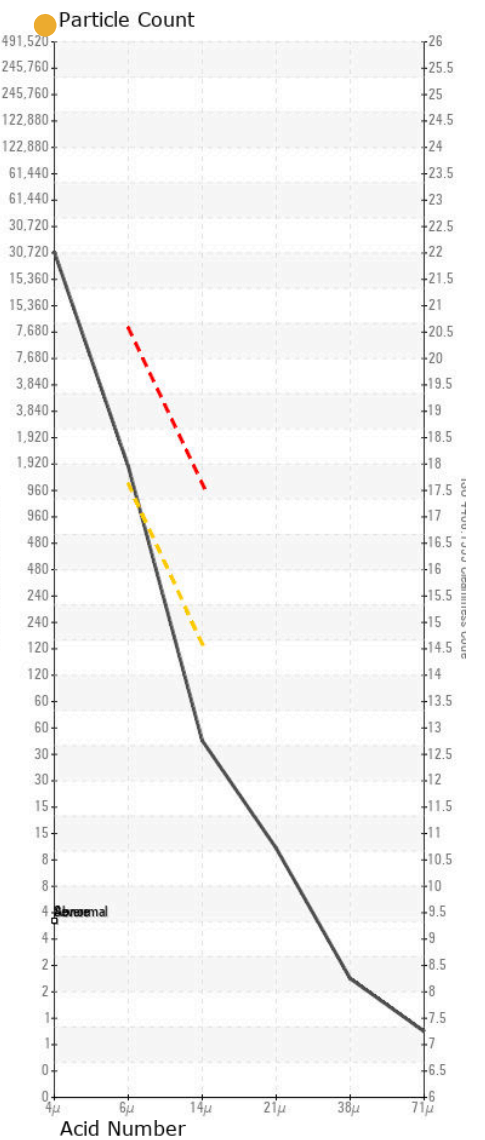
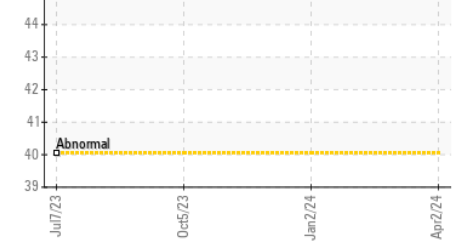
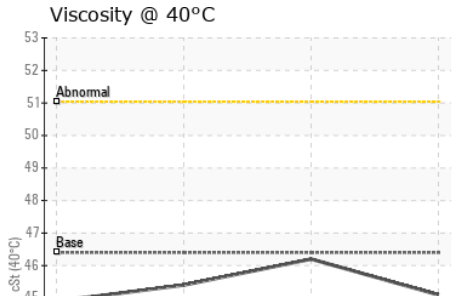
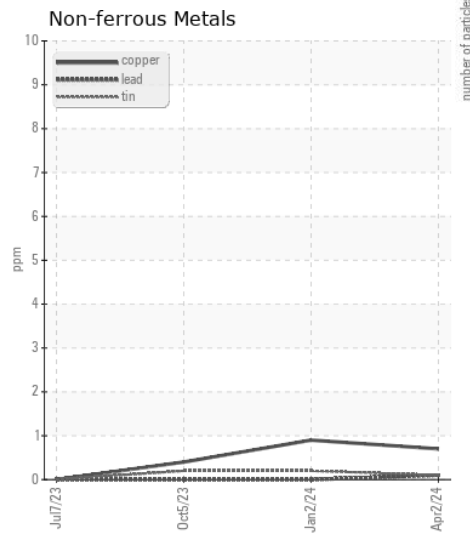
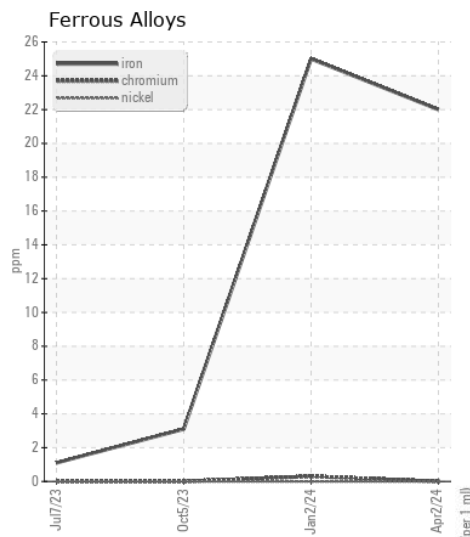
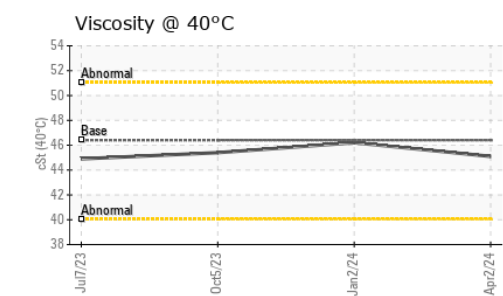
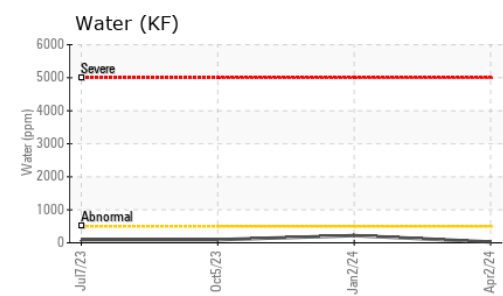
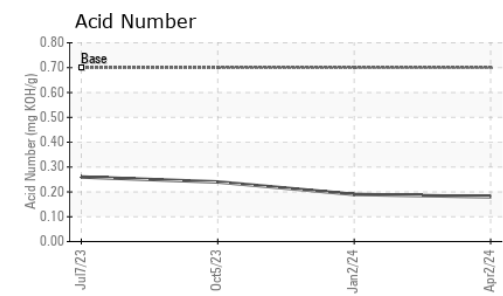
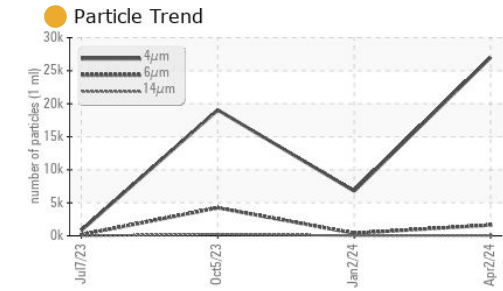
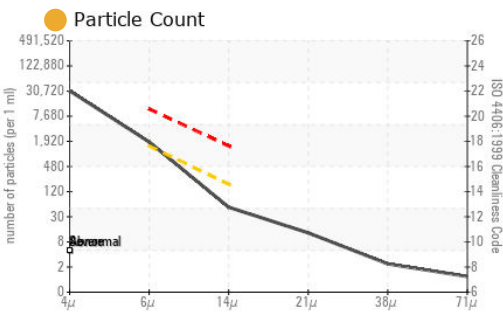
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0914012	WC0887313	WC0857742
Sample Date		Client Info		02 Apr 2024	02 Jan 2024	05 Oct 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ATTENTION	NORMAL	ABNORMAL

Iron	ppm	ASTM D5185m	>20	22	25	3
Chromium	ppm	ASTM D5185m	>20	0	<1	0
Nickel	ppm	ASTM D5185m	>20	0	0	0
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>20	0	2	0
Lead	ppm	ASTM D5185m	>20	<1	0	0
Copper	ppm	ASTM D5185m	>20	<1	<1	<1
Tin	ppm	ASTM D5185m	>20	<1	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>15	4	7	4
Potassium	ppm	ASTM D5185m	>20	2	1	0
Water	%	ASTM D6304	>0.05	0.003	0.022	0.009
ppm Water	ppm	ASTM D6304	>500	26	220	94.6
Particles >4µm		ASTM D7647		27004	6773	19051
Particles >6µm		ASTM D7647	>1300	1629	383	▲ 4239
Particles >14µm		ASTM D7647	>160	45	35	▲ 210
Particles >21µm		ASTM D7647	>40	11	12	▲ 47
Particles >38µm		ASTM D7647	>10	2	1	2
Particles >71µm		ASTM D7647	>3	1	0	0
Oil Cleanliness		ISO 4406 (c)	~-/17/14	22/18/13	20/16/12	▲ 21/19/15
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	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.05	NEG	0.2%	NEG

Sodium	ppm	ASTM D5185m		3	0	2
Boron	ppm	ASTM D5185m	0	0	0	0
Barium	ppm	ASTM D5185m	0	0	0	<1
Molybdenum	ppm	ASTM D5185m	0	0	<1	0
Manganese	ppm	ASTM D5185m	0	<1	0	<1
Magnesium	ppm	ASTM D5185m	0	0	0	1
Calcium	ppm	ASTM D5185m	50	0	<1	2
Phosphorus	ppm	ASTM D5185m	330	471	446	448
Zinc	ppm	ASTM D5185m	430	2	0	13
Sulfur	ppm	ASTM D5185m	760	586	470	503
Acid Number (AN)	mg KOH/g	ASTM D8045	0.70	0.18	0.19	0.24
Visc @ 40°C	cSt	ASTM D445	46.4	45.1	46.2	45.4



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0914012 **Received** : 19 Apr 2024
Lab Number : 06154341 **Tested** : 22 Apr 2024
Unique Number : 10989764 **Diagnosed** : 23 Apr 2024 - Wes Davis
Test Package : IND 2 (Additional Tests: KF)

OSCEOLA FOODS (HORMEL)
 1027 WARREN AVE
 OSCEOLA, IA
 US 50213
 Contact: WADE MYERS
 wlmymers@hormel.com
 T: (641)342-8043
 F: (641)342-8047

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)