



LIEBHERR

OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
062579-1007
Component
Rear Left Wheel Hub

Fluid
PETRO CANADA TRAXON 75W90 SYNTHETIC (--- LTR)

RECOMMENDATION

Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

WEAR

Usure de palier et (ou) de douille.

CONTAMINATION

Il n'y a aucun indice de contamination dans l'huile.

FLUID CONDITION

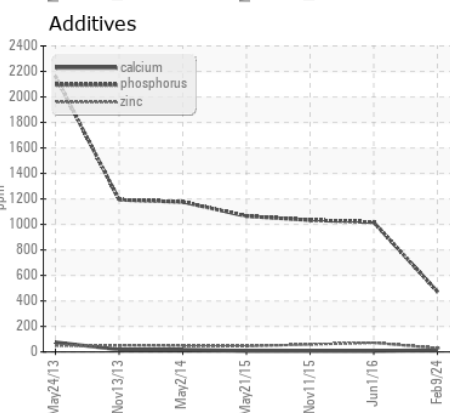
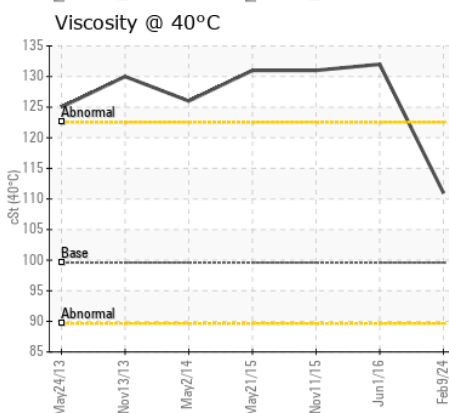
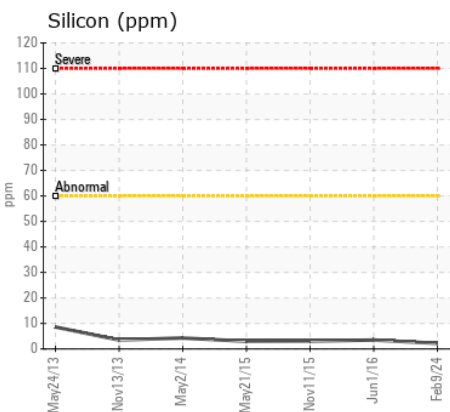
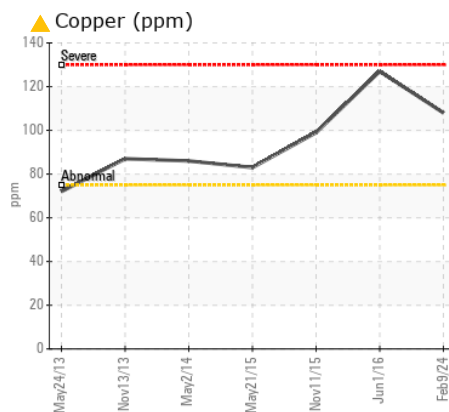
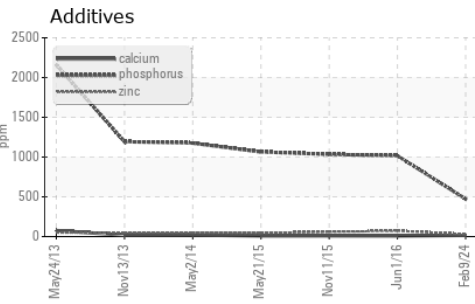
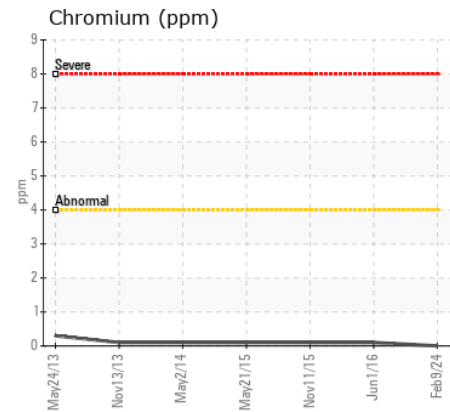
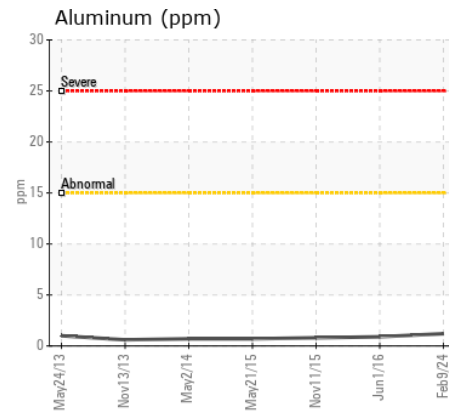
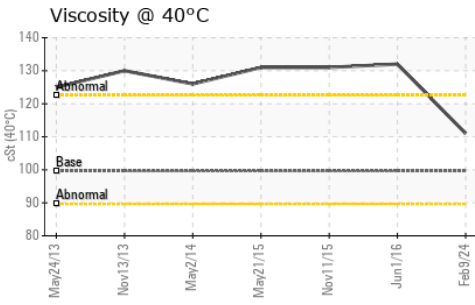
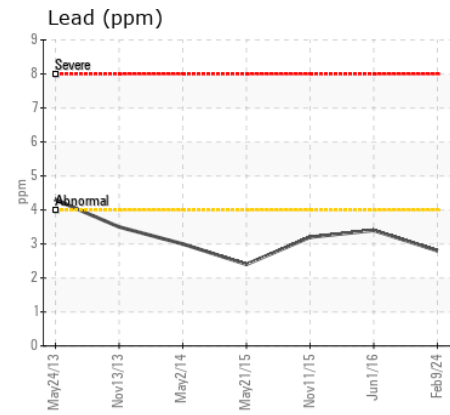
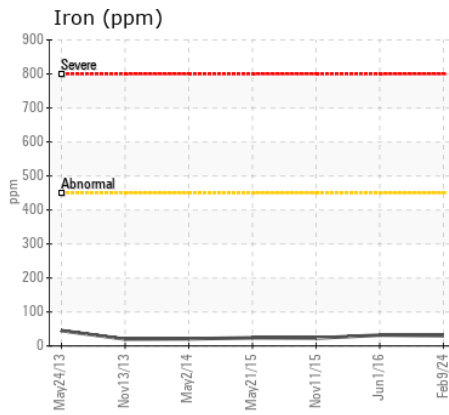
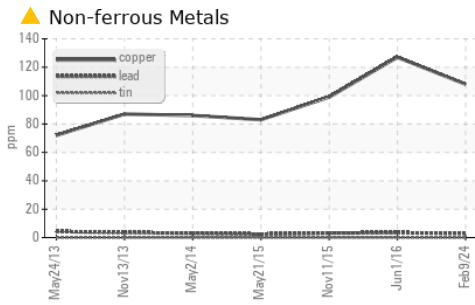
Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LH	LH0100614	LH0091505
Sample Date		Client Info		09 Feb 2024	01 Jun 2016	11 Nov 2015
Machine Age	hrs	Client Info		0	8042	6875
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		None	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	NORMAL

Iron	ppm	ASTM D5185(m)	>450	30	32	23
Chromium	ppm	ASTM D5185(m)	>4	0	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	0	0
Aluminum	ppm	ASTM D5185(m)	>15	1	<1	<1
Lead	ppm	ASTM D5185(m)	>4	3	3	3
Copper	ppm	ASTM D5185(m)	>75	▲ 108	▲ 127	99
Tin	ppm	ASTM D5185(m)		0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	VLITE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	LIGHT	VLITE

Silicon	ppm	ASTM D5185(m)	>60	2	4	3
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	LIGHT	VLITE	NONE
Debris	scalar	Visual*	NONE	NONE	VLITE	VLITE
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*	>0.2	NEG	NEG	NEG

Sodium	ppm	ASTM D5185(m)		2	3	2
Boron	ppm	ASTM D5185(m)	328	54	233	227
Barium	ppm	ASTM D5185(m)	1	0	<1	<1
Molybdenum	ppm	ASTM D5185(m)		0	0	0
Manganese	ppm	ASTM D5185(m)		<1	1	1
Magnesium	ppm	ASTM D5185(m)	1	3	0	<1
Calcium	ppm	ASTM D5185(m)	7	15	8	9
Phosphorus	ppm	ASTM D5185(m)	1145	473	1017	1034
Zinc	ppm	ASTM D5185(m)	3	30	72	59
Sulfur	ppm	ASTM D5185(m)	17909	16688	19421	20733
Visc @ 40°C	cSt	ASTM D7279(m)	99.6	111	132	131



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : LH
Lab Number : 02618137
Unique Number : 5735247
Test Package : MOB 1
Received : 26 Feb 2024
Tested : 26 Feb 2024
Diagnosed : 26 Feb 2024 - Kevin Marson

American Iron and Metal
 251 CHEMIN DES ILES
 LEVIS, QC
 CA G6V 1M5
 Contact: Bobby Rochette

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.

T: (418)649-1000
 F: