



LIEBHERR

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
062579-1007
Component
Front Differential

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

RECOMMENDATION

Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage.
Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LH	LH0100610	LH0091507
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				NORMAL	ATTENTION	NORMAL

WEAR

Les taux d'usure de tous les composants sont normaux.

Iron	ppm	ASTM D5185(m)	>190	5	7	5
Chromium	ppm	ASTM D5185(m)	>2	0	0	0
Nickel	ppm	ASTM D5185(m)	>2	<1	0	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	0	0
Aluminum	ppm	ASTM D5185(m)	>5	<1	<1	<1
Lead	ppm	ASTM D5185(m)	>15	<1	3	2
Copper	ppm	ASTM D5185(m)	>70	41	▲ 114	86
Tin	ppm	ASTM D5185(m)	>2	0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	VLITE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	▲ LIGHT	VLITE

CONTAMINATION

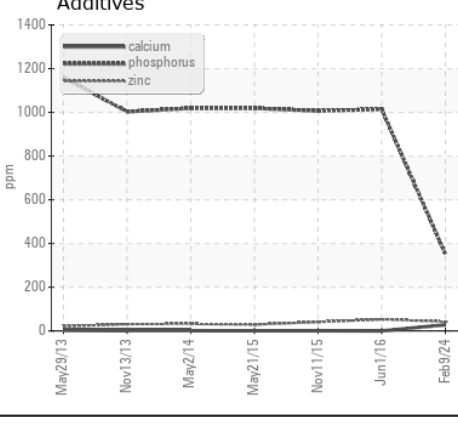
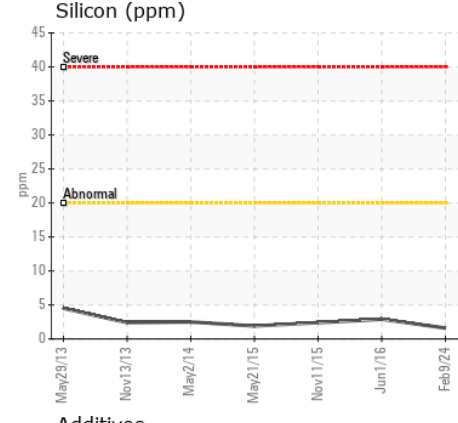
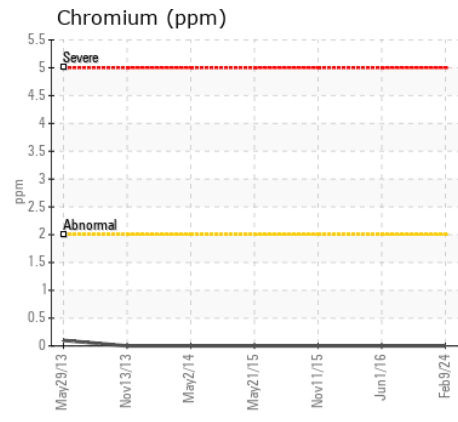
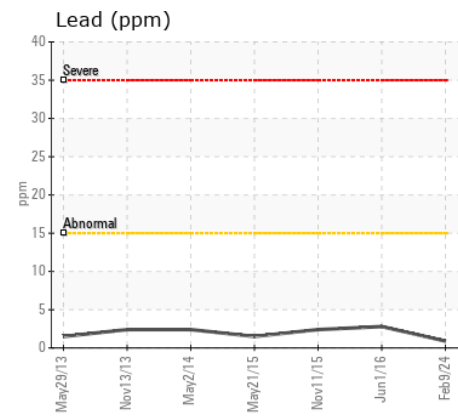
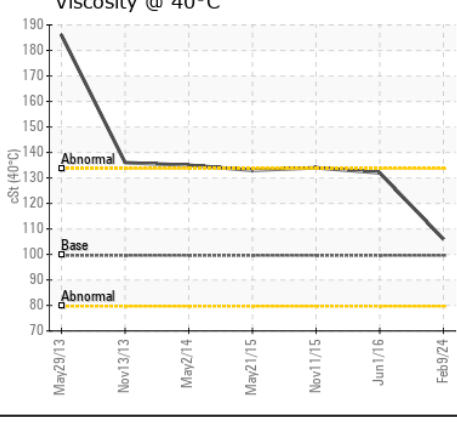
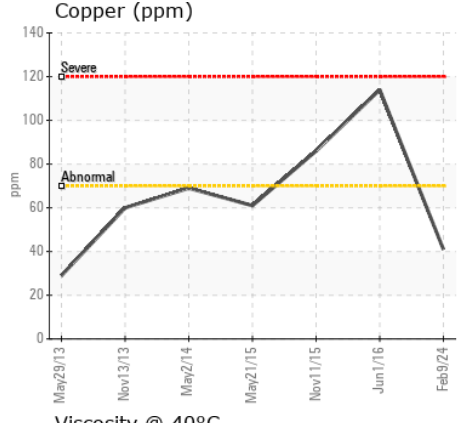
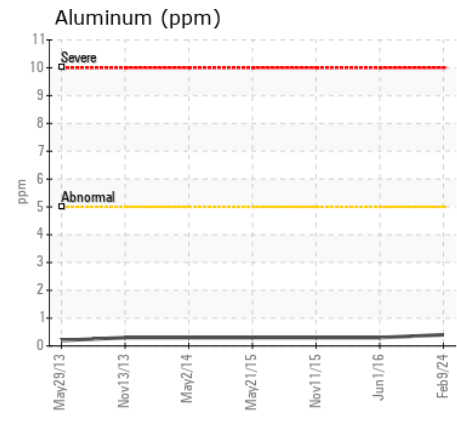
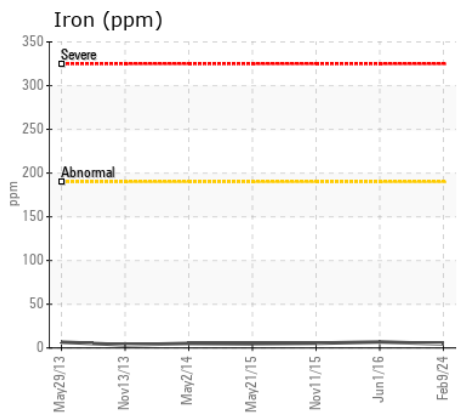
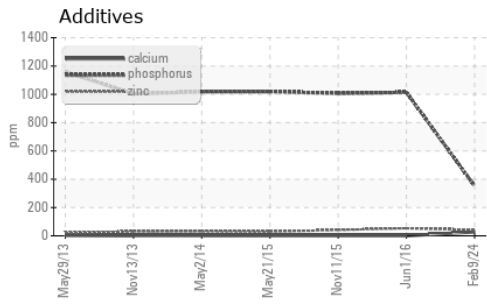
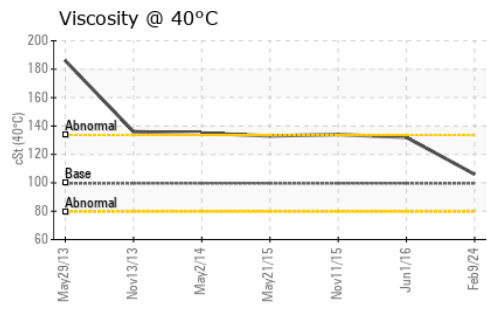
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>20	2	3	2
Potassium	ppm	ASTM D5185(m)	>20	<1	0	<1
Water		WC Method	>.2	NEG	NEG	NEG
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*	>.2	NEG	NEG	NEG

FLUID CONDITION

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		<1	1	<1
Boron	ppm	ASTM D5185(m)	328	11	256	242
Barium	ppm	ASTM D5185(m)	1	0	<1	<1
Molybdenum	ppm	ASTM D5185(m)		<1	0	0
Manganese	ppm	ASTM D5185(m)		0	<1	<1
Magnesium	ppm	ASTM D5185(m)	1	7	0	0
Calcium	ppm	ASTM D5185(m)	7	28	<1	<1
Phosphorus	ppm	ASTM D5185(m)	1145	352	1014	1007
Zinc	ppm	ASTM D5185(m)	3	42	53	41
Sulfur	ppm	ASTM D5185(m)	17909	16486	19683	20554
Visc @ 40°C	cSt	ASTM D7279(m)	99.6	106	132	134



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : LH **Received** : 26 Feb 2024
Lab Number : 02618131 **Tested** : 26 Feb 2024
Unique Number : 5735241 **Diagnosed** : 26 Feb 2024 - Wes Davis
Test Package : MOB 1

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.

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 F: