

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A934C 075771-1418 - Diesel Engine

Sample No: LH0281421

Oil Type: PETRO CANADA 10W30



ELG Canada
4375 CORPORATE DRIVE
BURLINGTON, ON
CA L7L 5P7
Contact: Service Manager

T:
F: (905)335-9687



Information sur l'échantillon

Numéro d'échant.	LH0281421	LH0230722	LH	LH
Date d'échant.	30 May 2024	06 Jun 2022	17 Aug 2020	28 Nov 2019
Heures de la Machine	10003	8535	7022	6508
Heures de l'huile	0	0	0	0
Huile changée	Not Chngd	Changed	Changed	Changed
Statut de l'échant.	ABNORMAL	NORMAL	NORMAL	NORMAL



État d'huile

Visc 100°C	cSt	29.1	13.8	12.0	11.6
Oxydation (PA)	%	63	63	55	56



Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	4.3	2.3	2.3	1.2
Nitration (PA)	%	74	73	73	65
Sulfatation (PA)	%	83	70	61	65
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	4	6	7	7
Sodium	ppm	1	1	<1	<1
Potassium	ppm	<1	<1	<1	<1

Diagnostic

The oil is near the end of its useful service life, recommend schedule an oil change. All component wear rates are normal. Light concentration of carbon/soot present in the oil. Visc @ 100°C is abnormally high. Calcium ppm levels are abnormally low. The oil viscosity is higher than normal. The oil is no longer serviceable due to the presence of contaminants.



Métaux d'usure

Fer	ppm	47	21	19	11
Cuivre	ppm	15	3	2	2
Plomb	ppm	1	<1	<1	<1
Étain	ppm	0	<1	<1	0
Aluminium	ppm	1	1	1	<1
Chrome	ppm	2	<1	<1	<1
Molybdène	ppm	39	58	58	62
Nickel	ppm	0	0	<1	<1
Titane	ppm	0	0	<1	<1
Argent	ppm	0	0	0	<1
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



Additifs

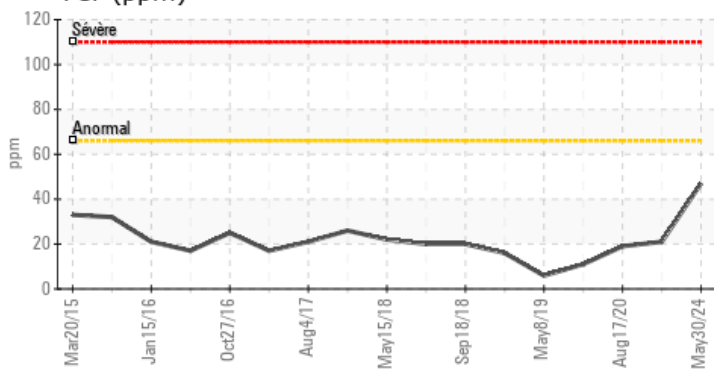
Calcium	ppm	815	1029	1169	1057
Magnésium	ppm	683	972	966	992
Zinc	ppm	997	1198	1227	1237
Phosphore	ppm	824	1057	1064	1044
Baryum	ppm	<1	0	<1	<1
Bore	ppm	<1	4	11	1

Depot: STR437BUR
Unique No: 5788182
Signed: Wes Davis
Report Date: 30 May 2024

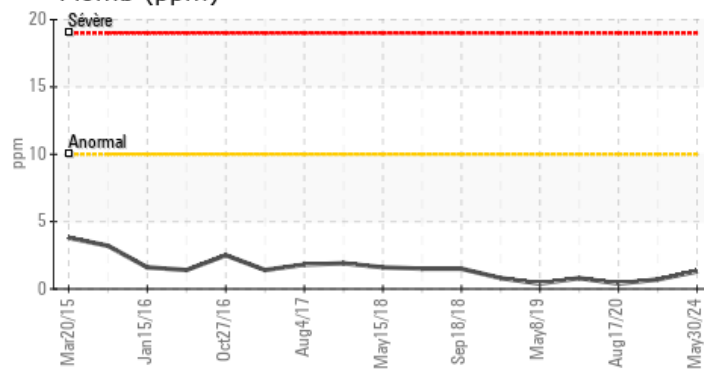


Graphs

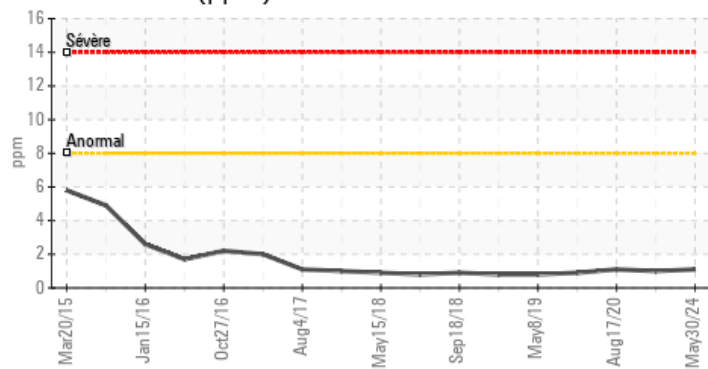
Fer (ppm)



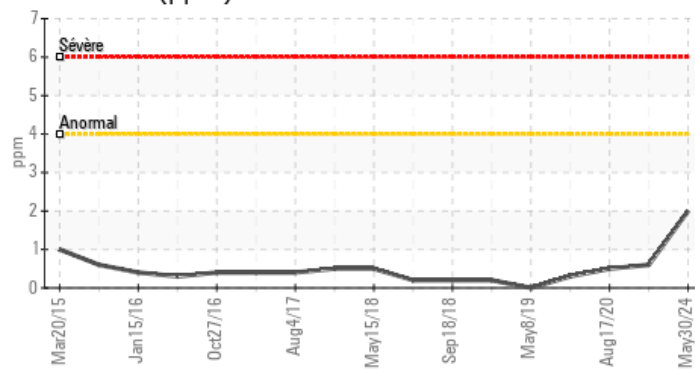
Plomb (ppm)



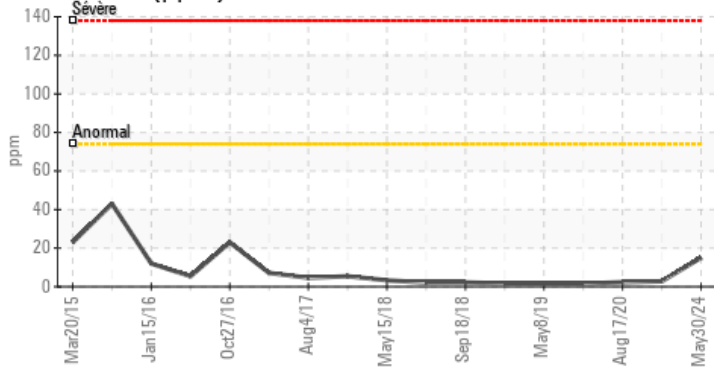
Aluminium (ppm)



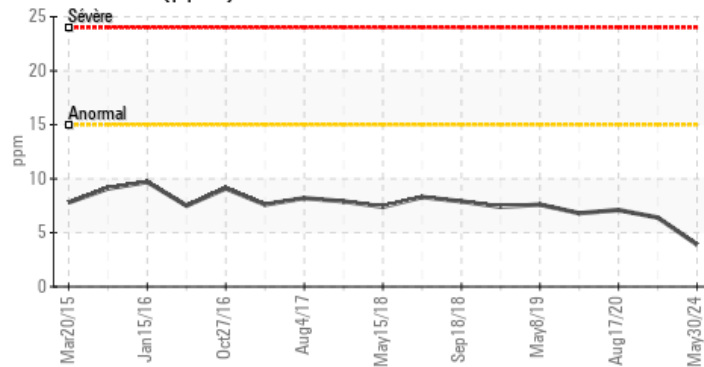
Chrome (ppm)



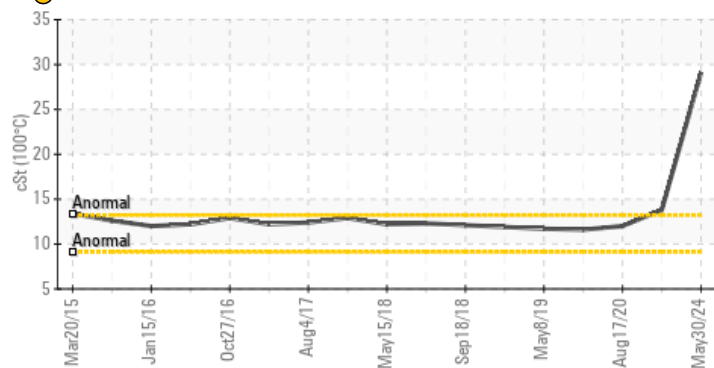
Cuivre (ppm)



Silicium (ppm)



● Viscosité 100°C



● % de suie

