

LIEBHERR

CONSTRUCTION EQUIPMENT



- Diesel Engine

Sample No: LH0289555

Oil Type: PETRO CANADA DURON UHP E6 10W40



Information sur l'échantillon

Numéro d'échant.	LH0289555	LH0278705	LH0279004	LH0274755
Date d'échant.	27 May 2024	22 Feb 2024	06 Nov 2023	30 Aug 2023
Heures de la Machine	11954	11476	0	10003
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	N/A	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

GREEN METALS CANADA

224 BEARDS LANE
WOODSTOCK, ON
CA N4S 7W3

Contact: Jamie Depotie

jdepotie@gmcan.ca

T: (519)539-1313

F: (519)539-5130



État d'huile

Visc 100°C	cSt	13.1	13.4	12.9	13.0
Oxydation (PA)	%	63	62	71	72



Contamination

Eau	%	NEG	0.019	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	70	63	74	79
Sulfatation (PA)	%	52	52	55	59
Glycol	%	NEG	0.0	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	5	7	6	7
Sodium	ppm	1	1	2	2
Potassium	ppm	0	<1	<1	5



Métaux d'usure

Fer	ppm	3	2	3	4
Cuivre	ppm	2	1	2	3
Plomb	ppm	0	<1	2	3
Étain	ppm	0	0	0	<1
Aluminium	ppm	<1	1	1	1
Chrome	ppm	0	0	0	<1
Molybdène	ppm	58	58	59	61
Nickel	ppm	0	0	0	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	<1	0
Manganèse	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	1078	1087	1069	1086
Magnésium	ppm	964	968	966	1030
Zinc	ppm	1202	1207	1206	1242
Phosphore	ppm	1006	1032	987	1101
Baryum	ppm	0	0	<1	0
Bore	ppm	3	<1	3	1

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: GRE224WOO

Unique No: 5787094

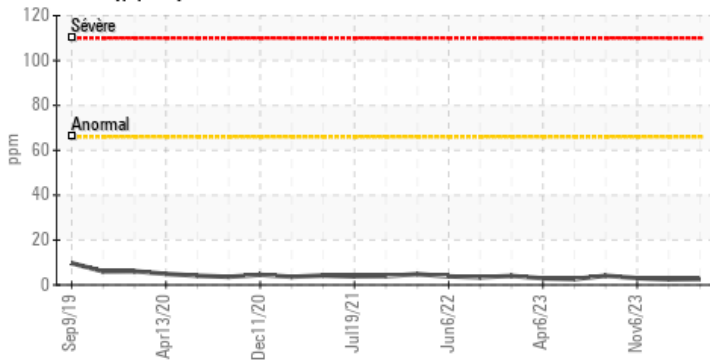
Signed: Wes Davis

Report Date: 28 May 2024

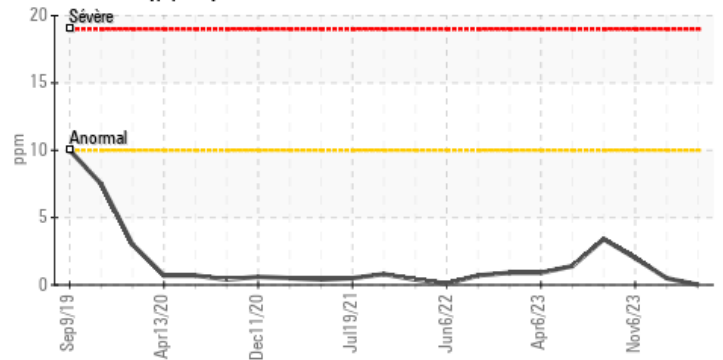


Graphs

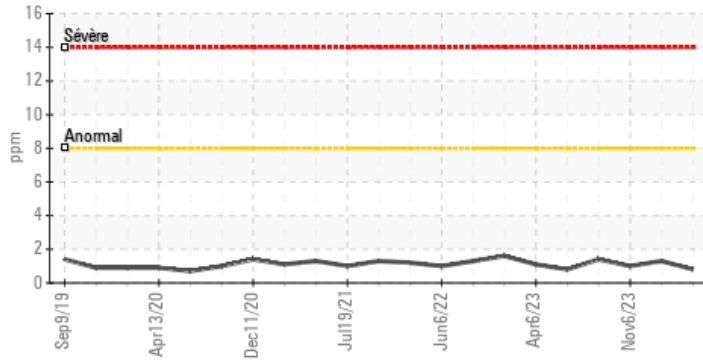
Fer (ppm)



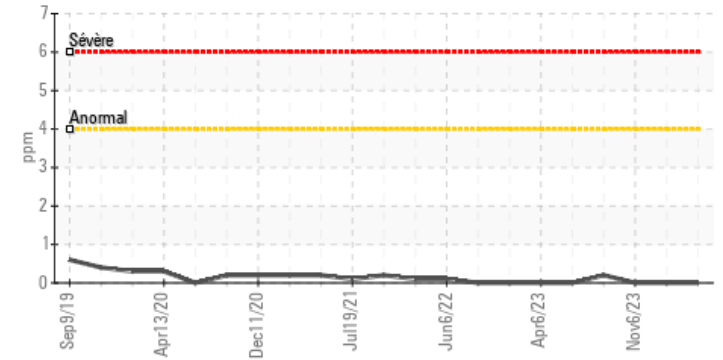
Plomb (ppm)



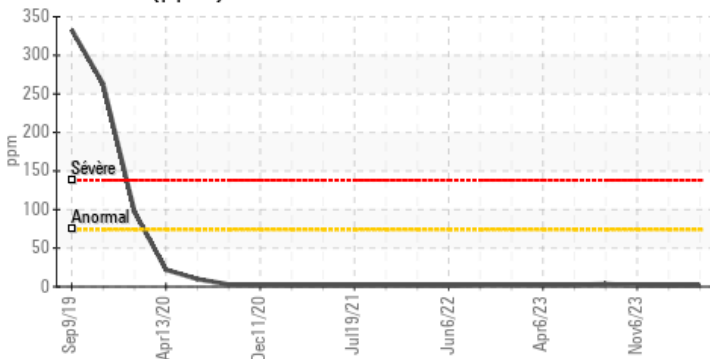
Aluminium (ppm)



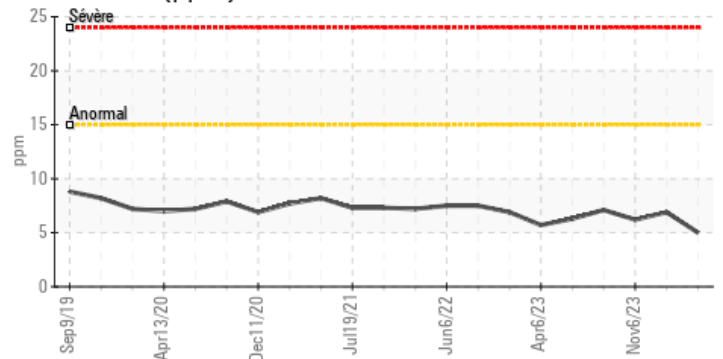
Chrome (ppm)



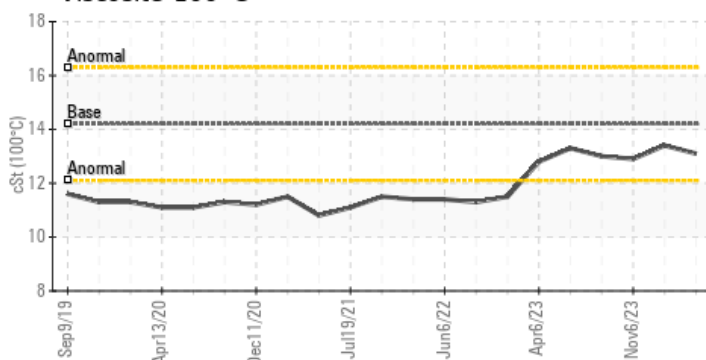
Cuivre (ppm)



Silicium (ppm)



Viscosité 100°C



% de suie

