

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 112349-1253 - Diesel Engine

Sample No: LH0278705

Oil Type: PETRO CANADA DURON UHP E6 10W40



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0278705	LH0279004	LH0274755	LH0261538
Date d'échant.	22 Feb 2024	06 Nov 2023	30 Aug 2023	11 Jun 2023
Heures de la Machine	11476	0	10003	9416
Heures de l'huile	0	0	0	0
Huile changée	Changed	N/A	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

#### GREEN METALS CANADA

224 BEARDS LANE  
WOODSTOCK, ON  
CA N4S 7W3

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#### ÉTAT D'HUILE

Visc 100°C	cSt	13.4	12.9	13.0	13.3
Oxydation (PA)	%	62	71	72	64



#### CONTAMINATION

Eau	%	0.019	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	63	74	79	67
Sulfatation (PA)	%	52	55	59	52
Glycol	%	0.0	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	7	6	7	6
Sodium	ppm	1	2	2	1
Potassium	ppm	<1	<1	5	0



#### MÉTAUX D'USURE

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



#### ADDITIFS

Calcium	ppm	1087	1069	1086	1099
Magnésium	ppm	968	966	1030	969
Zinc	ppm	1207	1206	1242	1231
Phosphore	ppm	1032	987	1101	1124
Baryum	ppm	0	<1	0	0
Bore	ppm	<1	3	1	2

#### Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. 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: 5734731

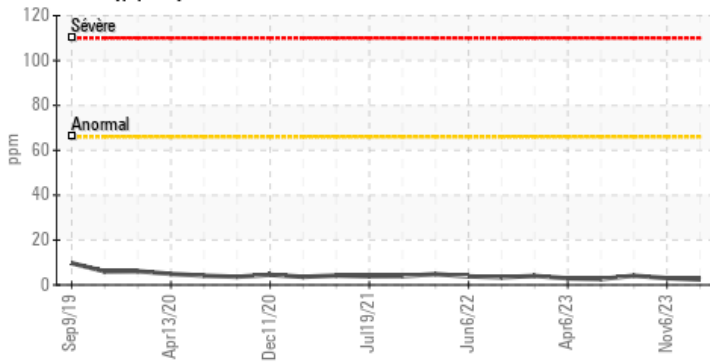
Signed: Wes Davis

Report Date: 27 Feb 2024

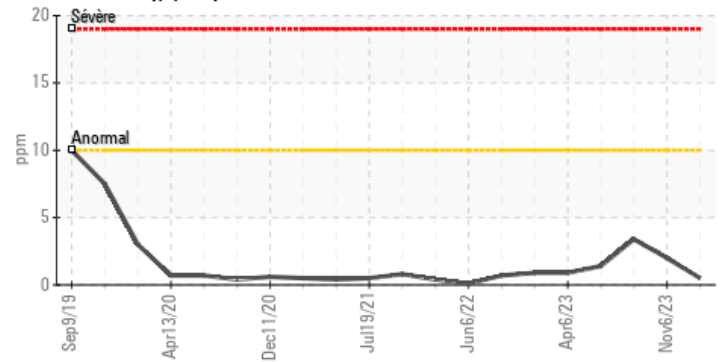


### GRAPHS

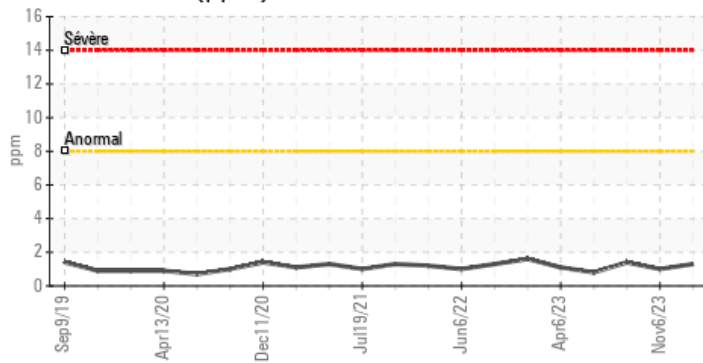
Fer (ppm)



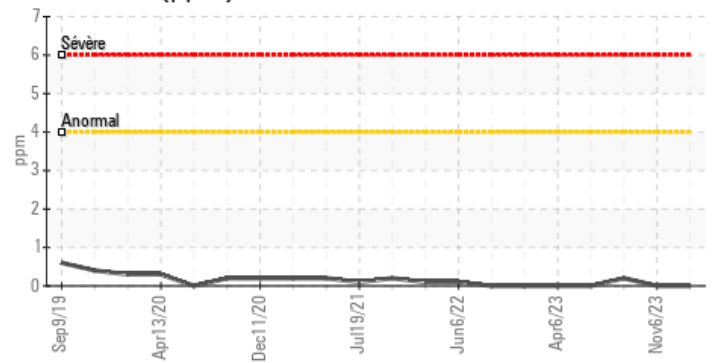
Plomb (ppm)



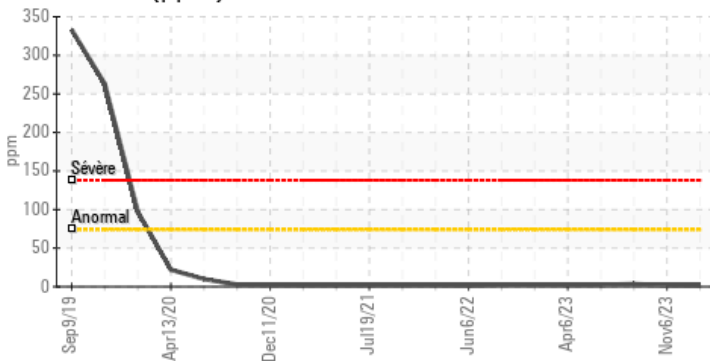
Aluminium (ppm)



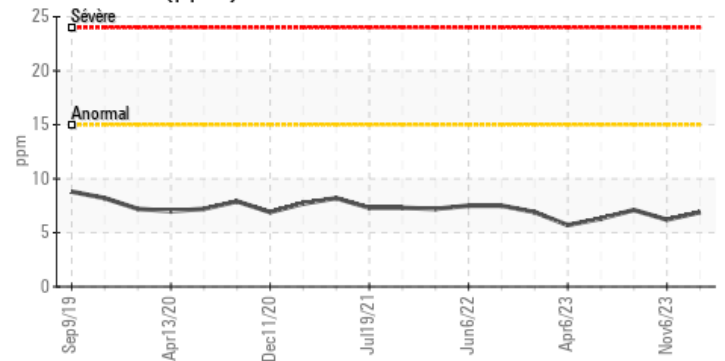
Chrome (ppm)



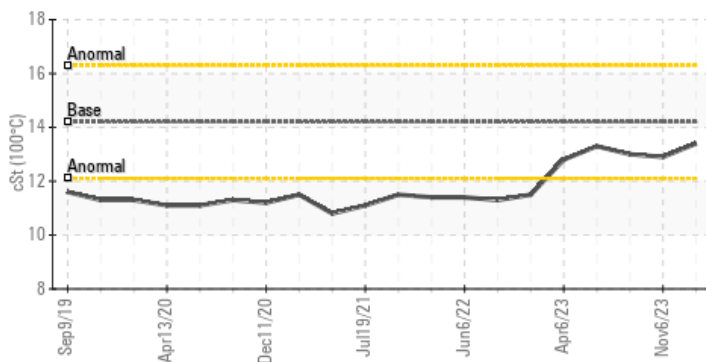
Cuivre (ppm)



Silicium (ppm)



Viscosité 100°C



% de suie

