

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 097459-1216 - Transmission (Manual)

Sample No: LH0277108

Oil Type: PETRO CANADA DURON HP 15W40



J.D. Irving

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Truro, NS

CA B2N 5C5

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INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0277108	LH0250292	LH0238567	LH0194733
Date d'échant.	13 Oct 2023	31 May 2023	24 Oct 2022	29 Oct 2021
Heures de la Machine	28718	26834	1000	20093
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	N/A	Changed
Statut de l'échant.	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL



ÉTAT D'HUILE

Visc 40°C	cSt	71.6	72.5	72.1	74.7



CONTAMINATION

Élément	Unité	7	4	5	4
Silicium	ppm	7	4	5	4
Sodium	ppm	2	1	1	2
Potassium	ppm	0	0	0	<1



MÉTAUX D'USURE

Élément	Unité	26	22	28	21
Fer	ppm	26	22	28	21
Cuivre	ppm	10	7	12	10
Plomb	ppm	<1	0	<1	<1
Étain	ppm	<1	0	<1	<1
Aluminium	ppm	2	2	2	2
Chrome	ppm	0	0	0	<1
Molybdène	ppm	63	61	59	50
Nickel	ppm	0	0	<1	0
Titane	ppm	0	0	<1	0
Argent	ppm	<1	0	0	0
Manganèse	ppm	2	1	2	1
Vanadium	ppm	0	0	0	0



ADDITIFS

Élément	Unité	1097	1107	1073	877
Calcium	ppm	1097	1107	1073	877
Magnésium	ppm	1016	982	940	831
Zinc	ppm	1239	1202	1157	1023
Phosphore	ppm	1164	1208	1197	1280
Baryum	ppm	<1	0	0	0
Bore	ppm	18	20	30	89

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid.

Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the fluid is acceptable for the time in service.

Depot: JDITRU

Unique No: 5668213

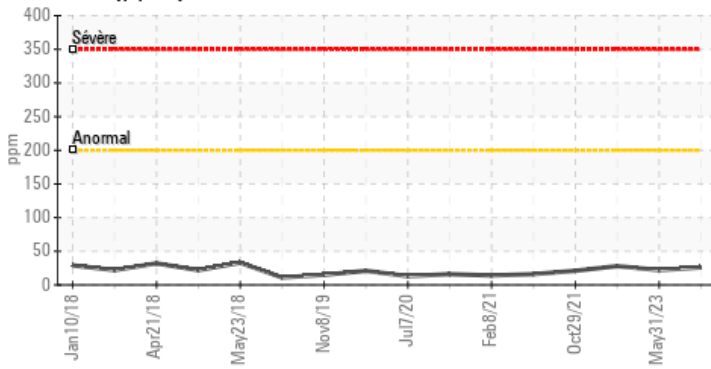
Signed: Kevin Marson

Report Date: 24 Oct 2023

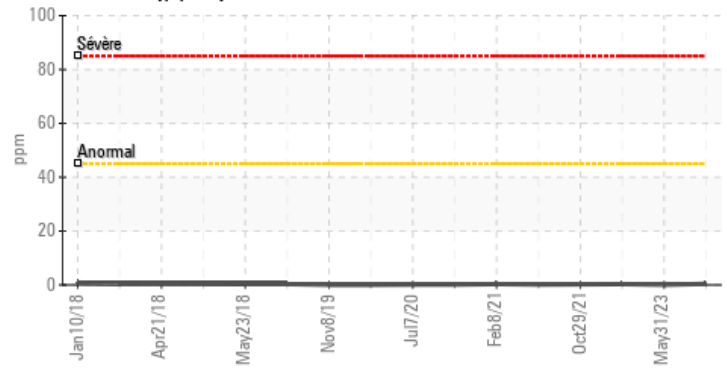


GRAPHS

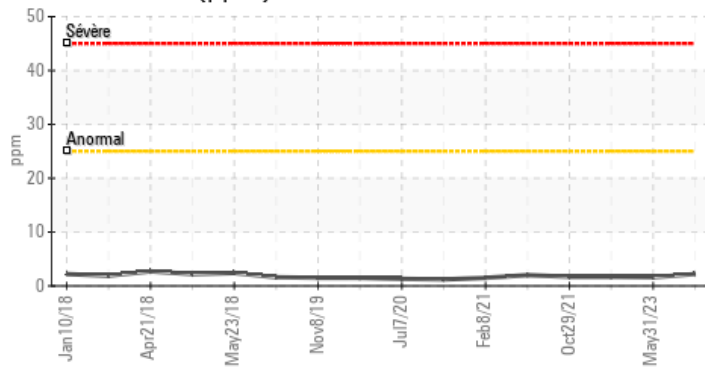
Fer (ppm)



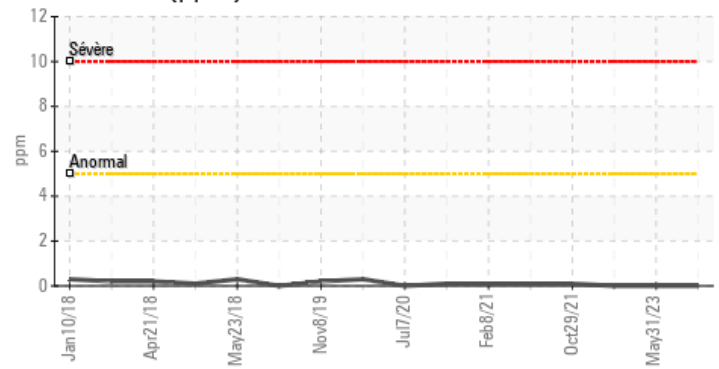
Plomb (ppm)



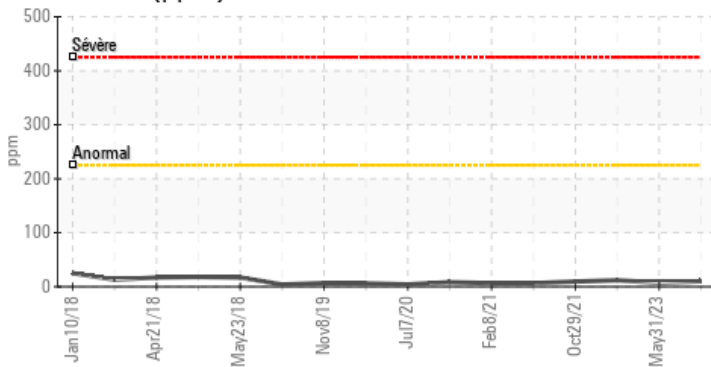
Aluminium (ppm)



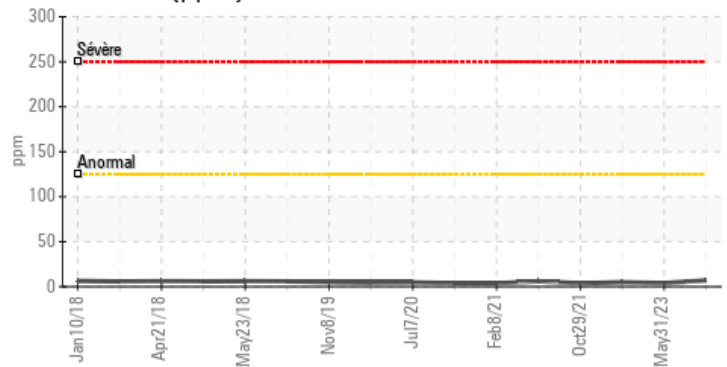
Chrome (ppm)



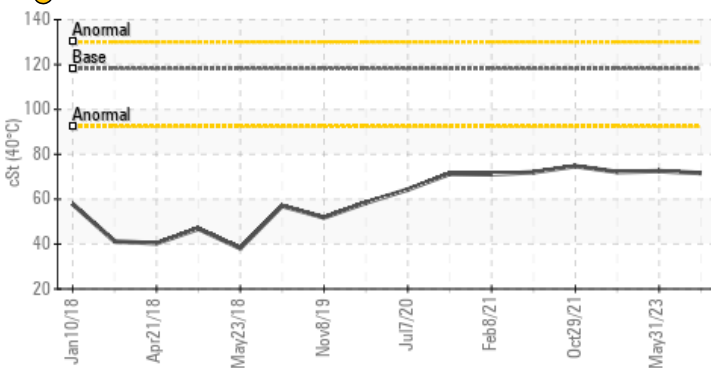
Cuivre (ppm)



Silicium (ppm)



● Viscosité 40°C



Additifs

