

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH80C T10459-1529 - Hydraulic System

Sample No: LH0277458

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0277458	LH0257068	LH0246984	LH0234917
Date d'échant.	20 Nov 2023	13 Mar 2023	01 Dec 2022	02 Aug 2022
Heures de la Machine	12136	13894	13424	12796
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Not Changd	Not Changd
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

GERDAU AMERISTEEL

1 GERDAU COURT

WHITBY, ON

CA L1N 5T1

Contact: Tyson Young

tyoung@gerdauameristeel.com

T: (905)668-8811

F: (905)668-6469



#### ÉTAT D'HUILE

Visc 40°C	cSt	43.6	43.7	43.5	44.2



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		5539	2748	2615	5035
Particules >6µ		1501	502	582	645
Particules >14µ		100	14	28	12
ISO 4406:1999 (c)		20/18/14	19/16/11	19/16/12	20/17/11
Silicium	ppm	1	1	1	<1
Sodium	ppm	1	<1	<1	<1
Potassium	ppm	0	<1	0	0

#### Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.



#### MÉTAUX D'USURE

Fer	ppm	11	10	10	8
Cuivre	ppm	2	2	2	1
Plomb	ppm	0	0	<1	0
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	0	<1	0
Chrome	ppm	3	3	3	2
Molybdène	ppm	0	0	0	0
Nickel	ppm	0	0	<1	<1
Titane	ppm	0	<1	<1	<1
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	76	80	82	77
Magnésium	ppm	4	3	4	4
Zinc	ppm	595	576	572	572
Phosphore	ppm	471	501	504	456
Baryum	ppm	<1	0	0	0
Bore	ppm	<1	<1	<1	<1

Depot: LAKWHI

Unique No: 5682995

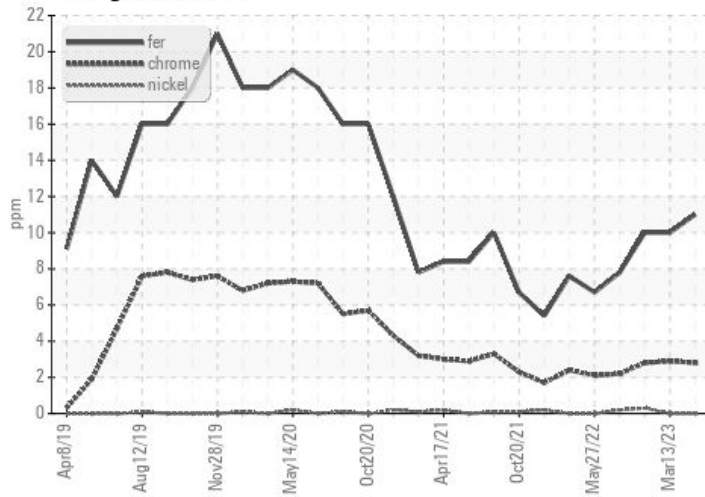
Signed: Wes Davis

Report Date: 22 Nov 2023

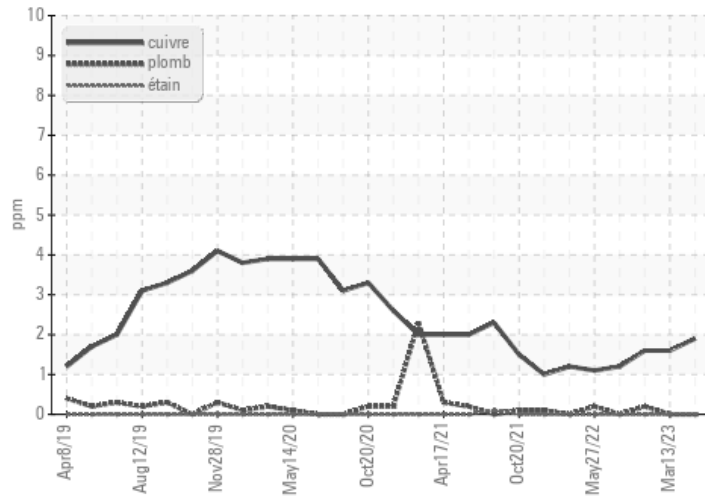


### GRAPHS

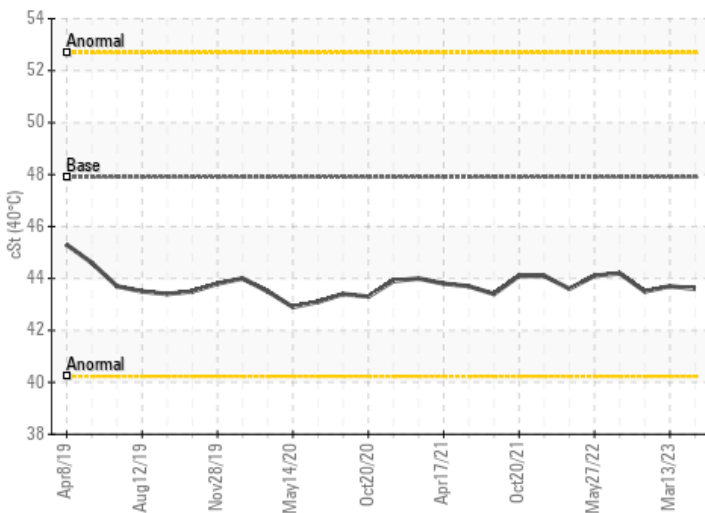
#### Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules

