

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(340369)] LIEBHERR R920 045718-1705 - Hydraulic System

Sample No: LH0285096

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0285096	LH0274849	LH0251811	LH0242551
Date d'échant.	25 Jan 2024	06 Oct 2023	14 Mar 2023	03 Nov 2022
Heures de la Machine	5338	4924	0	3329
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Not Changd	Not Changd
Statut de l'échant.	NORMAL	ATTENTION	ABNORMAL	NORMAL

**CLOUTHIER VENTURES LTD.**  
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#### ÉTAT D'HUILE

Visc 40°C	cSt	44.5	42.8	43.1	43.2



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		11373	28266	6333	10986
Particules >6µ		2897	5887	1561	2187
Particules >14µ		131	111	72	108
ISO 4406:1999 (c)		21/19/14	22/20/14	20/18/13	21/18/14
Silicium	ppm	4	7	5	6
Sodium	ppm	2	3	3	3
Potassium	ppm	1	<1	<1	<1

#### 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	7	12	10	11
Cuivre	ppm	4	7	6	6
Plomb	ppm	<1	1	2	2
Étain	ppm	0	0	0	<1
Aluminium	ppm	<1	<1	<1	1
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	0	0	0	0
Nickel	ppm	0	<1	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	<1	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

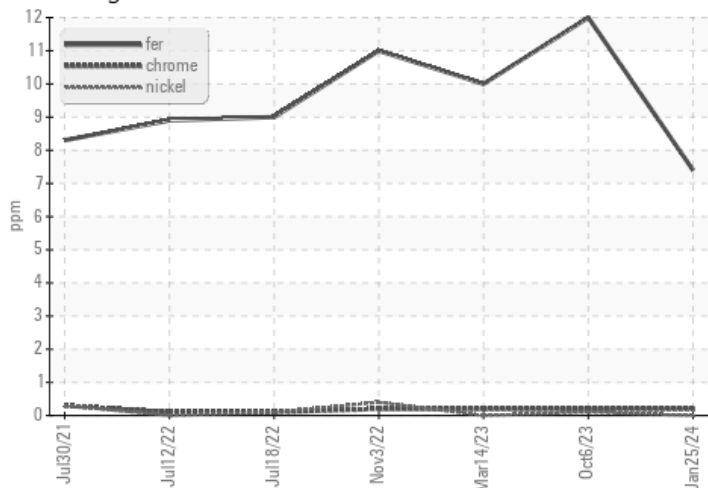
Calcium	ppm	639	1200	1314	1325
Magnésium	ppm	4	6	6	6
Zinc	ppm	768	714	701	673
Phosphore	ppm	614	570	628	616
Baryum	ppm	0	<1	0	0
Bore	ppm	<1	2	<1	1

Depot: CLOPEM  
 Unique No: 5722869  
 Signed: Wes Davis  
 Report Date: 06 Feb 2024

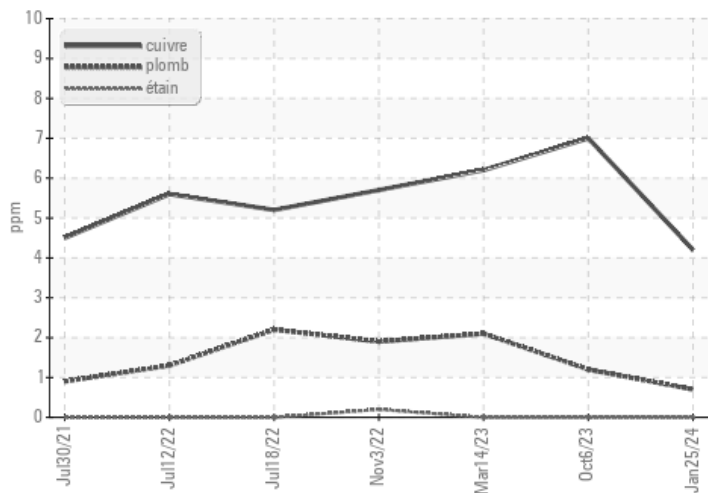


### GRAPHS

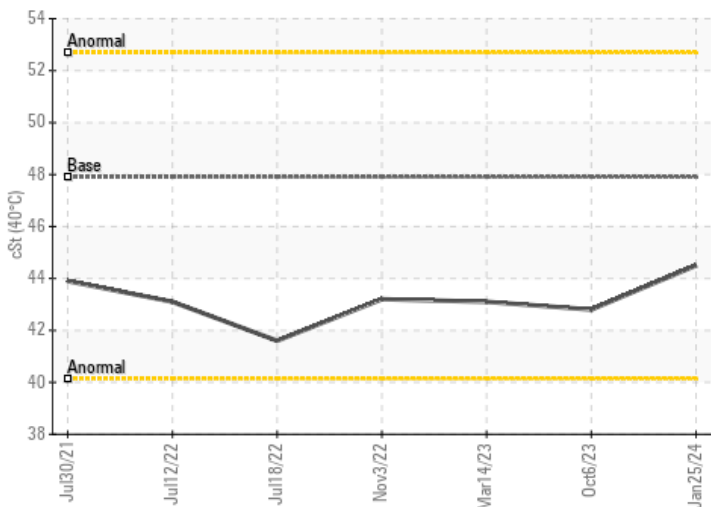
#### Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules

