

LIEBHERR

CONSTRUCTION EQUIPMENT



[(354957)] LIEBHERR R918LC 053128-1721 - Hydraulic System

Sample No: LH

Oil Type: PETRO CANADA HYDREX AW 46



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH	LH0260747	LH0238808	LH0239159
Date d'échant.	19 Feb 2024	15 May 2023	18 Nov 2022	19 Aug 2022
Heures de la Machine	3908	2992	2436	1980
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

Polyexcave Inc.
787 Ch. Du Moine
St-Anne de Sorel, QC
CA J3P 5N3
Contact: Service Manager



ÉTAT D'HUILE

Visc 40°C	cSt	41.9	42.5	42.3	42.8

T:
F:



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		1029	7457	724	872
Particules >6µ		273	2225	130	124
Particules >14µ		28	180	20	12
ISO 4406:1999 (c)		17/15/12	20/18/15	17/14/11	17/14/11
Silicium	ppm	7	8	8	7
Sodium	ppm	2	2	2	2
Potassium	ppm	1	<1	<1	1

Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. 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. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	11	10	10	10
Cuivre	ppm	6	6	5	5
Plomb	ppm	1	<1	1	<1
Étain	ppm	0	0	<1	0
Aluminium	ppm	1	<1	<1	<1
Chrome	ppm	3	2	2	2
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	0	0	<1
Titane	ppm	0	<1	<1	<1
Argent	ppm	2	0	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

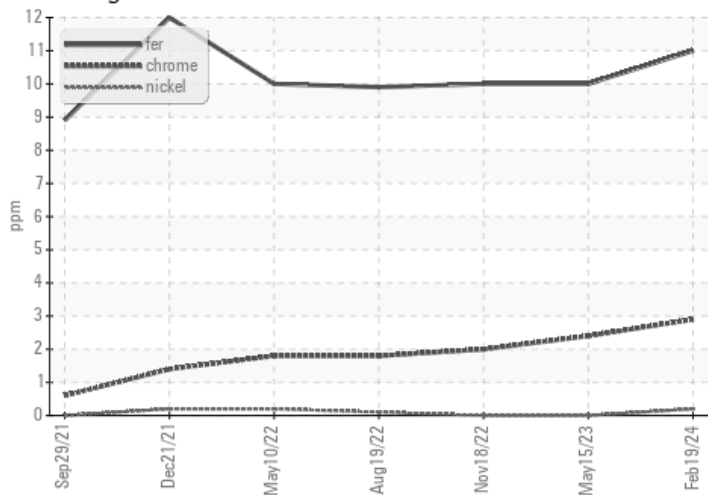
Calcium	ppm	1193	1268	1305	1273
Magnésium	ppm	3	3	3	3
Zinc	ppm	705	724	710	693
Phosphore	ppm	612	668	674	596
Baryum	ppm	0	0	0	0
Bore	ppm	<1	<1	<1	<1

Depot: POLSTA
Unique No: 5736081
Signed: Kevin Marson
Report Date: 01 Mar 2024

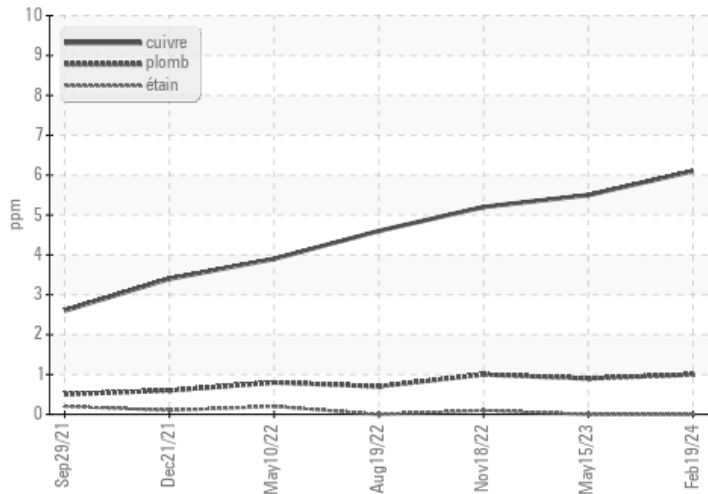


GRAPHS

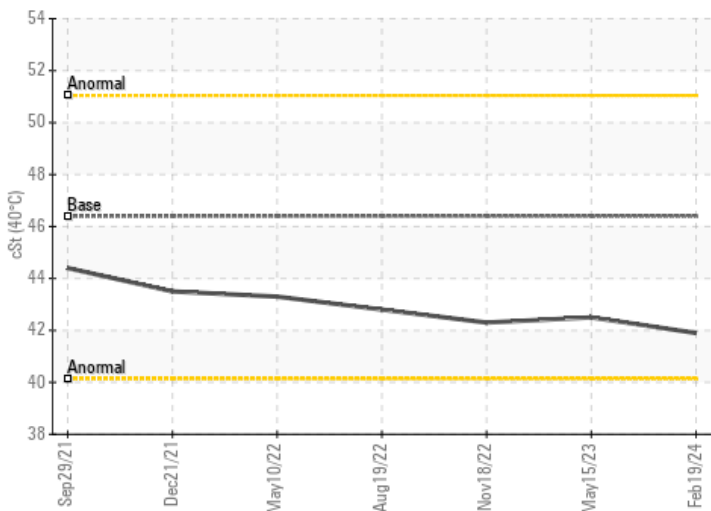
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

