

LIEBHERR

CONSTRUCTION EQUIPMENT



[(362878)] LIEBHERR LH80M 135287-1218 - Hydraulic System

Sample No: LH0265829

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0265829	LH0261326	LH	LH0247378
Date d'échant.	21 Jul 2023	18 Apr 2023	13 Mar 2023	10 Jan 2023
Heures de la Machine	7724	6397	5848	5001
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

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ÉTAT D'HUILE

Visc 40°C	cSt	43.4	44.1	44.6	43.5
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CONTAMINATION

Particules >4µ		418	2101	6496	4985
Particules >6µ		109	487	1706	1108
Particules >14µ		10	22	106	43
ISO 4406:1999 (c)		16/14/10	18/16/12	20/18/14	19/17/13
Silicium	ppm	3	3	3	4
Sodium	ppm	1	<1	<1	1
Potassium	ppm	<1	0	<1	0



MÉTAUX D'USURE

Fer	ppm	30	20	17	21
Cuivre	ppm	3	2	2	2
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	3	2	2	3
Molybdène	ppm	0	0	0	0
Nickel	ppm	0	0	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	0	<1
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	268	315	348	472
Magnésium	ppm	3	4	4	5
Zinc	ppm	542	541	565	571
Phosphore	ppm	473	498	519	514
Baryum	ppm	0	0	0	0
Bore	ppm	<1	<1	<1	1

Diagnostic

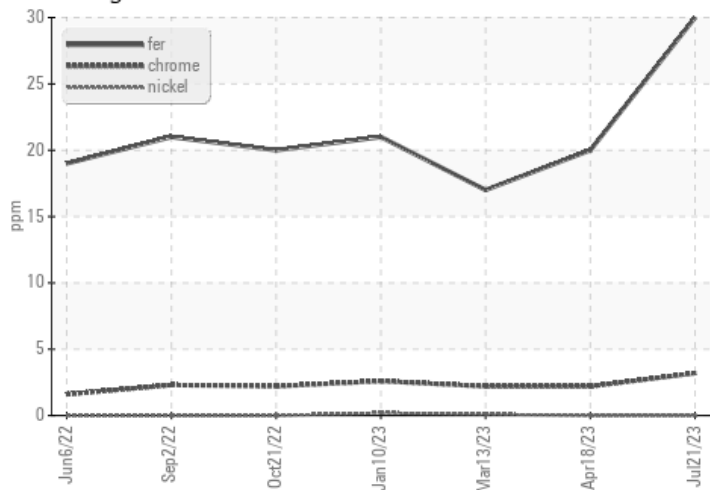
Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.

Depot: LAKWHI
Unique No: 5617439
Signed: Wes Davis
Report Date: 28 Jul 2023

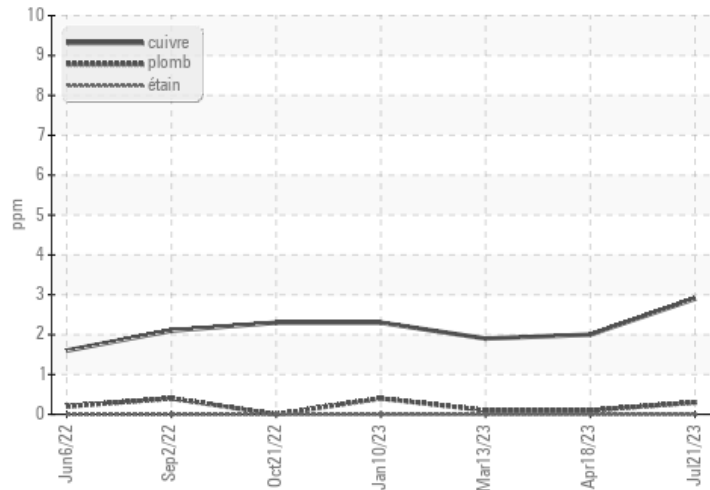


GRAPHS

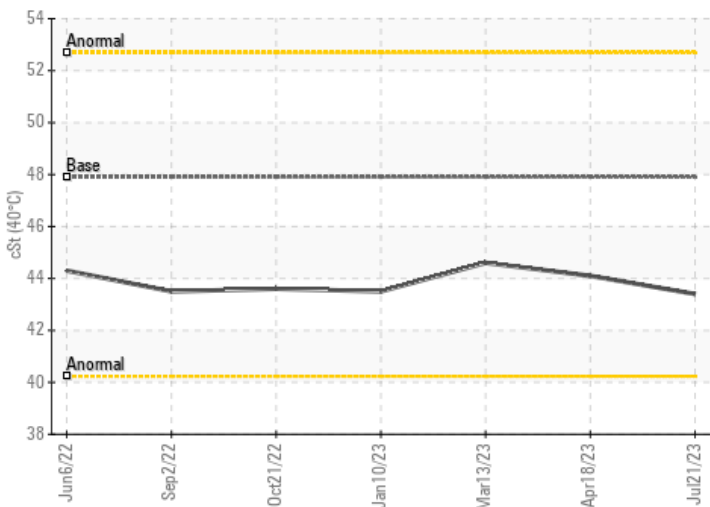
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

