

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0274366

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0274366	LH0265829	LH0261326	LH
Date d'échant.	05 Sep 2023	21 Jul 2023	18 Apr 2023	13 Mar 2023
Heures de la Machine	3998	7724	6397	5848
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

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ÉTAT D'HUILE

Visc 40°C	cSt	43.8	43.4	44.1	44.6
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CONTAMINATION

Particules >4µ		16724	418	2101	6496
Particules >6µ		4986	109	487	1706
Particules >14µ		362	10	22	106
ISO 4406:1999 (c)		21/19/16	16/14/10	18/16/12	20/18/14
Silicium	ppm	3	3	3	3
Sodium	ppm	1	1	<1	<1
Potassium	ppm	<1	<1	0	<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	29	30	20	17
Cuivre	ppm	4	3	2	2
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	3	3	2	2
Molybdène	ppm	0	0	0	0
Nickel	ppm	0	0	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	<1	0	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	239	268	315	348
Magnésium	ppm	3	3	4	4
Zinc	ppm	534	542	541	565
Phosphore	ppm	467	473	498	519
Baryum	ppm	0	0	0	0
Bore	ppm	1	<1	<1	<1

Depot: LAKWHI

Unique No: 5633767

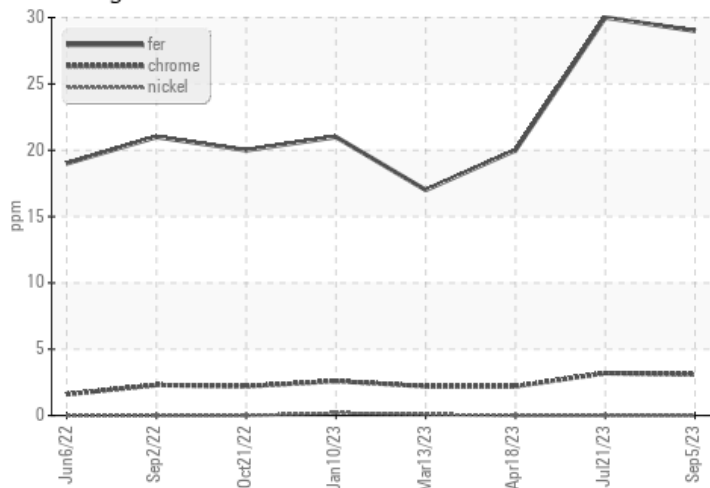
Signed: Wes Davis

Report Date: 07 Sep 2023

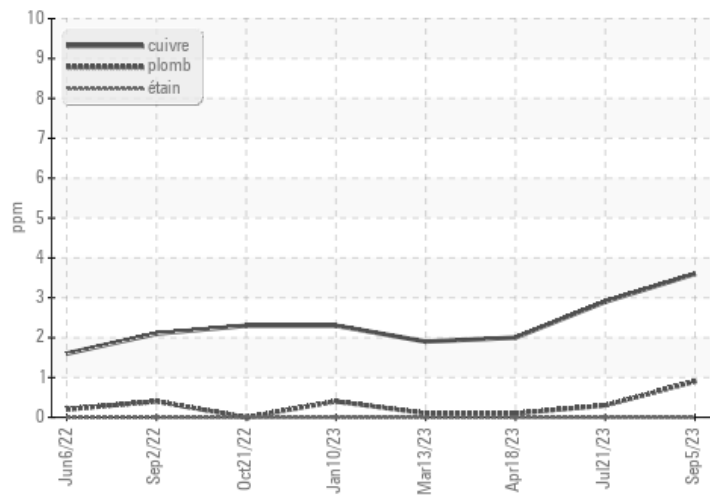


GRAPHS

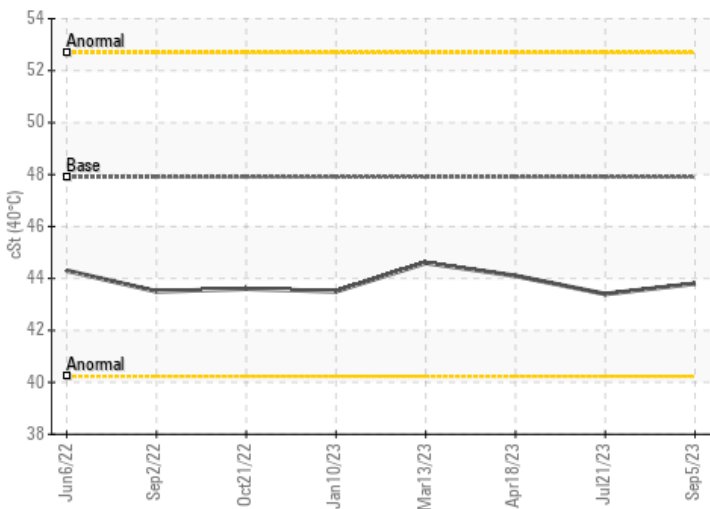
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

