

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M T18833-1218 - Hydraulic System

Sample No: LH0247297

Oil Type: AW HYDRAULIC OIL ISO 46



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0247297	LH0261334	LH0251804	LH0251369
Date d'échant.	21 Jun 2023	14 Apr 2023	07 Mar 2023	21 Jan 2023
Heures de la Machine	14707	13996	13464	12805
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	43.7	50.0	43.3	43.4



CONTAMINATION

Particules >4µ		7897	2100	4008	10035
Particules >6µ		1963	495	958	2220
Particules >14µ		162	24	42	69
ISO 4406:1999 (c)		20/18/15	18/16/12	19/17/13	21/18/13
Silicium	ppm	2	1	2	1
Sodium	ppm	1	<1	<1	<1
Potassium	ppm	<1	0	<1	0



MÉTAUX D'USURE

Fer	ppm	13	12	18	17
Cuivre	ppm	2	2	2	2
Plomb	ppm	<1	<1	<1	0
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	3	2	3	2
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	<1	0	<1
Titane	ppm	0	<1	<1	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	95	105	121	121
Magnésium	ppm	3	4	4	3
Zinc	ppm	623	602	601	599
Phosphore	ppm	520	532	528	515
Baryum	ppm	0	0	0	0
Bore	ppm	<1	<1	1	<1

Diagnostic

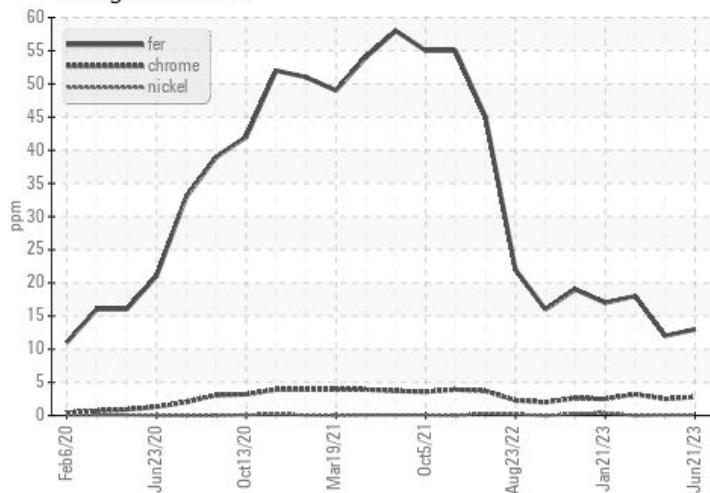
Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. NOTE: An increase in the particle count is noted. The condition of the oil is acceptable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

Depot: LAKWHI
Unique No: 5606803
Signed: Kevin Marson
Report Date: 14 Jul 2023

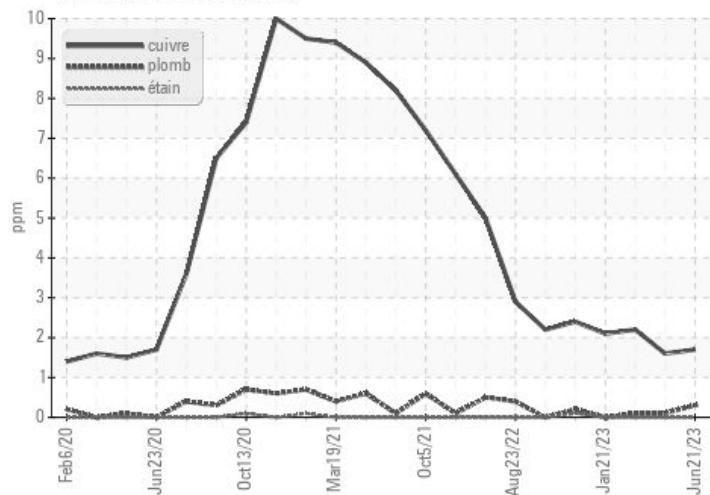


GRAPHS

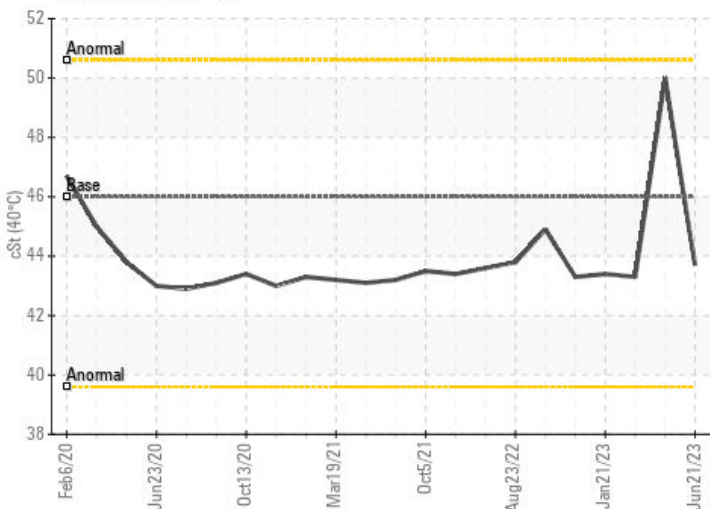
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

