

LIEBHERR

CONSTRUCTION EQUIPMENT



124170-1216 - Hydraulic System

Sample No: LH0270251

Oil Type: AW HYDRAULIC OIL ISO 46



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270251	LH0265978	LH	LH0247438
Date d'échant.	25 Sep 2023	15 Jun 2023	30 Mar 2023	03 Jan 2023
Heures de la Machine	6769	6184	5575	5032
Heures de l'huile	0	0	0	0
Huile changée	N/A	Not Changd	Not Changd	Not Changd
Statut de l'échant.	MARGINAL	NORMAL	MARGINAL	SEVERE

American Iron and Metal
2009 Gore Road
London, ON
CA N5V 5A9
Contact: Service Manager



ÉTAT D'HUILE

Visc 40°C	cSt	41.9	42.3	42.1	41.8
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T:
F:



CONTAMINATION

Eau	%	0.016	---	0.045	---
Particules >4µ		15675	15724	4244	108224
Particules >6µ		4550	4931	1197	40820
Particules >14µ		368	418	85	3169
ISO 4406:1999 (c)		21/19/16	21/19/16	19/17/14	24/23/19
Silicium	ppm	2	2	2	4
Sodium	ppm	2	2	2	2
Potassium	ppm	<1	2	<1	<1

Diagnostic

We recommend an early resample to monitor this condition. Iron ppm levels are marginal. All other component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The water content is negligible. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

PQ		0	---	0	5
Fer	ppm	50	48	50	56
Cuivre	ppm	3	3	3	4
Plomb	ppm	<1	<1	<1	1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	2	2	2	2
Molybdène	ppm	2	2	2	<1
Nickel	ppm	<1	0	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	0	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

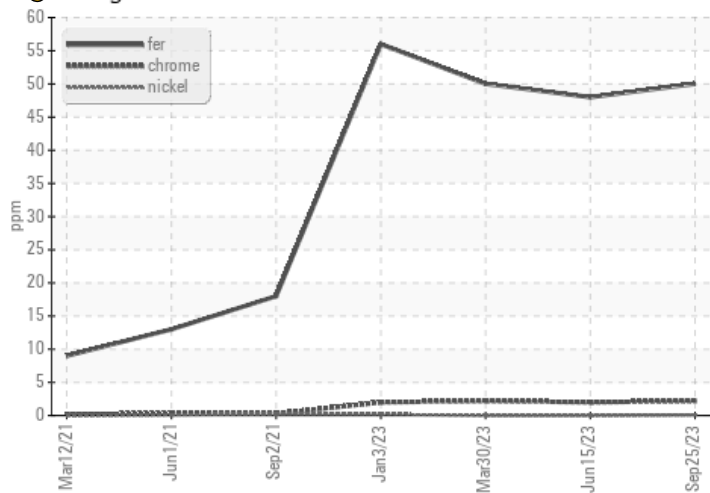
Calcium	ppm	752	885	991	978
Magnésium	ppm	18	12	13	7
Zinc	ppm	608	629	645	634
Phosphore	ppm	512	562	576	589
Baryum	ppm	<1	0	0	0
Bore	ppm	7	5	4	3

Depot: AIM200LON
Unique No: 5646323
Signed: Kevin Marson
Report Date: 28 Sep 2023

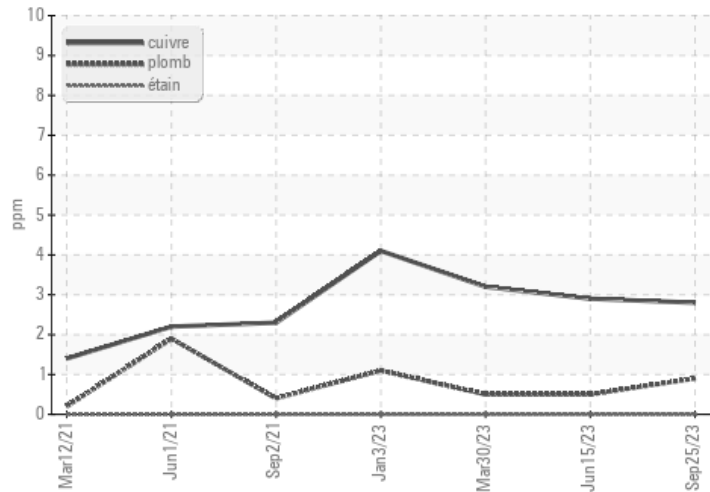


GRAPHS

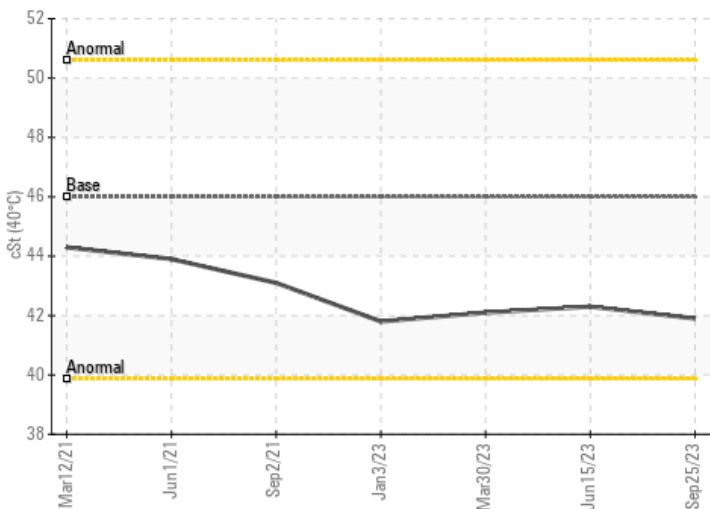
● Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

