

LIEBHERR

CONSTRUCTION EQUIPMENT



[ELG] LIEBHERR A924C 036737-1049 - Hydraulic System

Sample No: LH

Oil Type: AW HYDRAULIC OIL ISO 46



ELG Canada

4375 CORPORATE DRIVE
BURLINGTON, ON
CA L7L 5P7

Contact: Service Manager

T:

F: (905)335-9687



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH	LH0086808	LH0083243	LH0078483
Date d'échant.	14 Mar 2024	12 Dec 2014	29 Aug 2014	20 Dec 2013
Heures de la Machine	17745	11613	11116	9922
Heures de l'huile	0	0	0	0
Huile changée	Not Chngd	Not Chngd	Not Chngd	Changed
Statut de l'échant.	ABNORMAL	NORMAL	NORMAL	NORMAL



ÉTAT D'HUILE

Visc 40°C	cSt	31.9	43.2	41.2	39.0



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		2908	11402	9028	11117
Particules >6µ		374	2281	1581	927
Particules >14µ		14	118	76	34
ISO 4406:1999 (c)		19/16/11	21/18/14	20/18/13	21/17/12
Silicium	ppm	<1	<1	1	1
Sodium	ppm	<1	1	2	4
Potassium	ppm	2	<1	<1	<1



MÉTAUX D'USURE

Fer	ppm	3	14	34	58
Cuivre	ppm	<1	2	5	8
Plomb	ppm	0	<1	<1	<1
Étain	ppm	0	<1	<1	<1
Aluminium	ppm	<1	<1	<1	1
Chrome	ppm	<1	6	12	13
Molybdène	ppm	3	0	0	0
Nickel	ppm	0	<1	0	<1
Titane	ppm	0	<1	<1	0
Argent	ppm	0	0	0	0
Manganèse	ppm	0	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	143	154	200	325
Magnésium	ppm	24	<1	1	2
Zinc	ppm	436	346	344	373
Phosphore	ppm	379	263	269	301
Baryum	ppm	0	0	<1	<1
Bore	ppm	5	<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. Viscosity of sample indicates oil is within ISO 32 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: STR437BUR

Unique No: 5747499

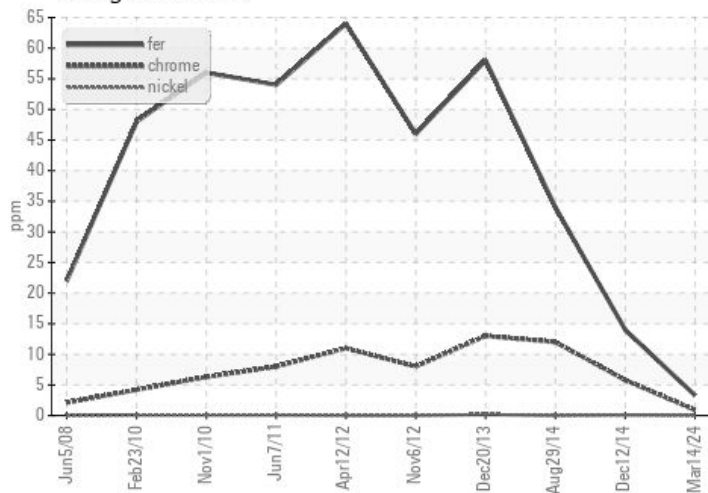
Signed: Kevin Marson

Report Date: 18 Mar 2024

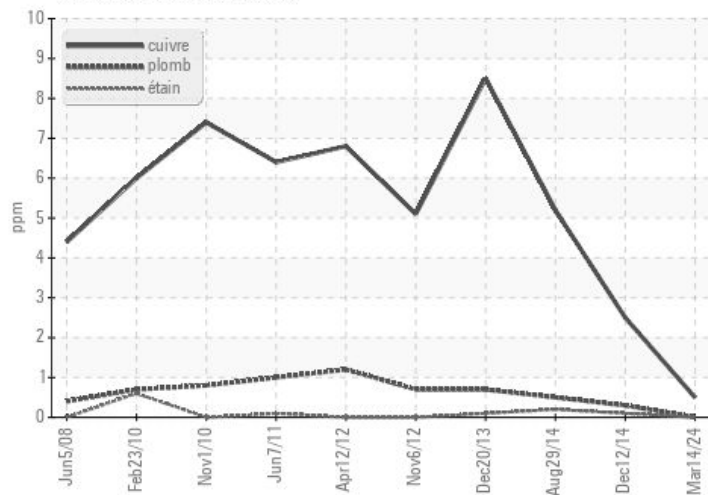


GRAPHS

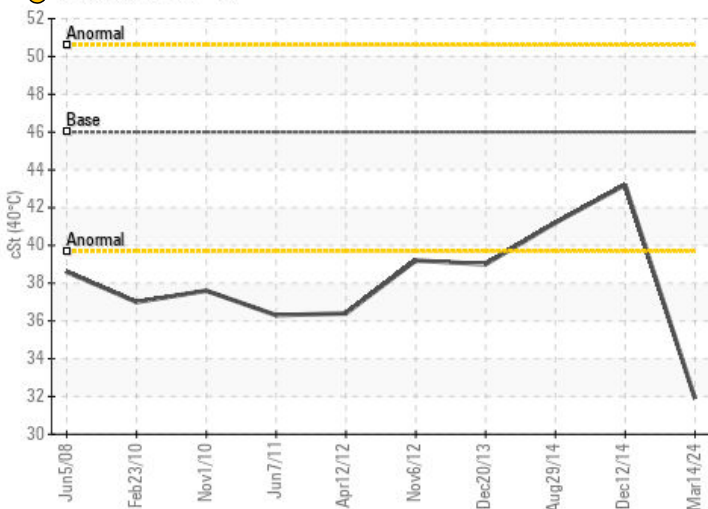
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

