

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A944 043697 - Hydraulic System

Sample No: LH0274661

Oil Type: AW HYDRAULIC OIL ISO 46



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0274661	LH0093339	LH0082131	LH0071605
Date d'échant.	23 Aug 2023	04 Sep 2015	16 Jun 2014	17 Apr 2013
Heures de la Machine	21803	10007	8032	6039
Heures de l'huile	0	0	0	0
Huile changée	Not Chngd	Changed	Changed	Changed
Statut de l'échant.	ATTENTION	NORMAL	ABNORMAL	NORMAL

WOSNUK
1050 MAIN ST. EAST
CAMBRIDGE, ON
CA N1R 7G8
Contact: SERVICE



ÉTAT D'HUILE

Visc 40°C	cSt	47.6	43.9	43.0	43.9
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T:
F:



CONTAMINATION

Particules >4µ		20704	1110	7314	5356
Particules >6µ		4195	89	1004	335
Particules >14µ		311	4	43	13
ISO 4406:1999 (c)		22/19/15	17/14/9	20/17/13	20/16/11
Silicium	ppm	1	1	1	2
Sodium	ppm	<1	1	1	4
Potassium	ppm	<1	<1	0	0

Diagnostic

We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	12	10	6	14
Cuivre	ppm	2	3	3	7
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	8	3	<1	1
Molybdène	ppm	<1	<1	<1	<1
Nickel	ppm	<1	0	<1	0
Titane	ppm	0	<1	<1	0
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	<1	<1	0
Vanadium	ppm	0	0	0	0



ADDITIFS

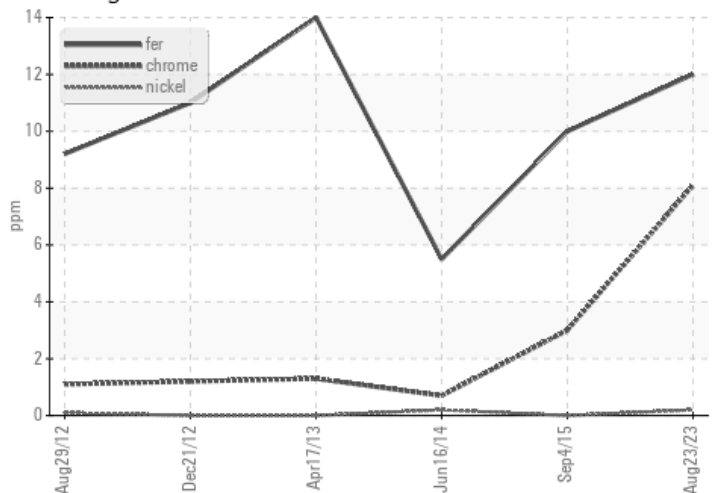
Calcium	ppm	84	68	58	314
Magnésium	ppm	5	2	2	2
Zinc	ppm	432	365	378	403
Phosphore	ppm	367	295	323	301
Baryum	ppm	0	0	0	<1
Bore	ppm	<1	<1	1	2

Depot: WOZCAM
Unique No: 5631186
Signed: Wes Davis
Report Date: 25 Aug 2023

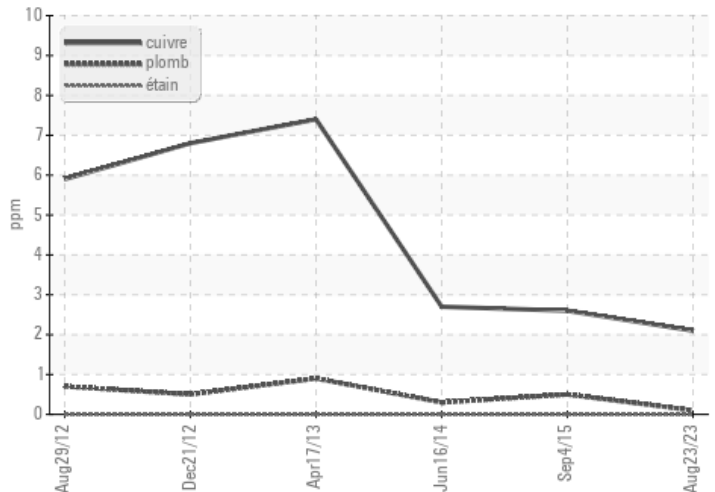


GRAPHS

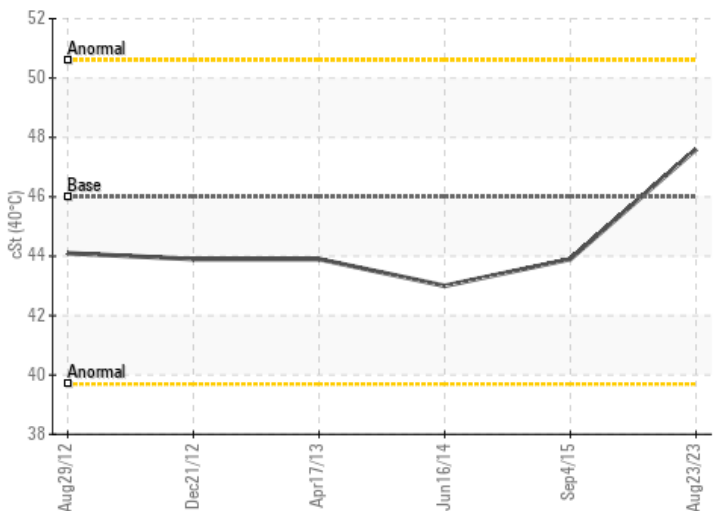
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

