LIEBHERR
CONSTRUCTION EQUIPMENT

LIEBHERR L580 058691-1464 - Hydraulic System

Sample No: LH0296374

Oil Type: AW HYDRAULIC OIL ISO 46

OXFORD SAND AND GRAVEL LTD
594728 OXFORD 59
WOODSTOCK, ON
CA N4S 7V8
Contact: Service Manager

T:
F:

Information sur l'échantillon

Numéro d'échant.		**LH0296374**	LH0286654	LH0276177	LH
Date d'échant.		**07 Jul 2024**	19 Mar 2024	14 Sep 2023	14 Jul 2022
Heures de la Machine		**4608**	3920	3196	997
Heures de l'huile		**0**	0	0	0
Huile changée		**Not Changd**	Not Changd	N/A	Not Changd
Statut de l'echant.		**ABNORMAL**	ABNORMAL	ABNORMAL	ABNORMAL

État d'huile

Visc 40°C	cSt	**35.2**	35.4	35.7	36.6

Contamination

Eau	%	**NEG**	NEG	NEG	NEG
Particules >4µ		**19013**	1296	12741	13842
Particules >6µ		**5405**	176	3368	3134
Particules >14µ		**413**	10	269	108
ISO 4406:1999 (c)		**21/20/16**	17/15/10	21/19/15	21/19/14
Silicium	ppm	**2**	<1	2	1
Sodium	ppm	**1**	<1	<1	1
Potassium	ppm	**3**	<1	<1	1

Métaux d'usure

Fer	ppm	**8**	8	6	4
Cuivre	ppm	**5**	4	4	3
Plomb	ppm	**13**	12	12	8
Étain	ppm	**0**	0	<1	<1
Aluminium	ppm	**1**	0	<1	<1
Chrome	ppm	**2**	1	1	<1
Molybdène	ppm	**0**	0	0	0
Nickel	ppm	**<1**	0	0	0
Titane	ppm	**0**	0	0	0
Argent	ppm	**0**	0	0	0
Manganèse	ppm	**0**	0	0	0
Vanadium	ppm	**0**	0	0	0

Additifs

Calcium	ppm	**752**	774	742	914
Magnésium	ppm	**4**	4	4	4
Zinc	ppm	**559**	549	543	509
Phosphore	ppm	**487**	476	511	469
Baryum	ppm	**<1**	0	0	0
Bore	ppm	**15**	<1	2	2

Diagnostic

We recommend you service the filters on this component. Resample at the next service interval to monitor.Lead ppm levels are noted. All other component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. Viscosity of sample indicates oil is within SAE 10W range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: OXF594WOO
Unique No: 5811860
Signed: Kevin Marson
Report Date: 09 Jul 2024

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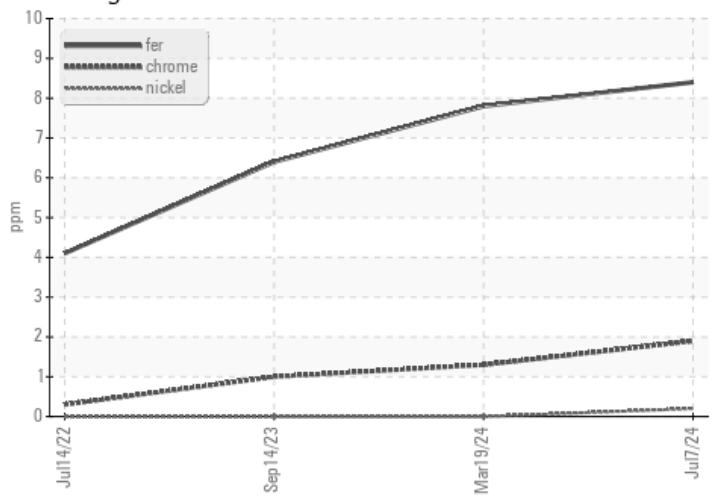
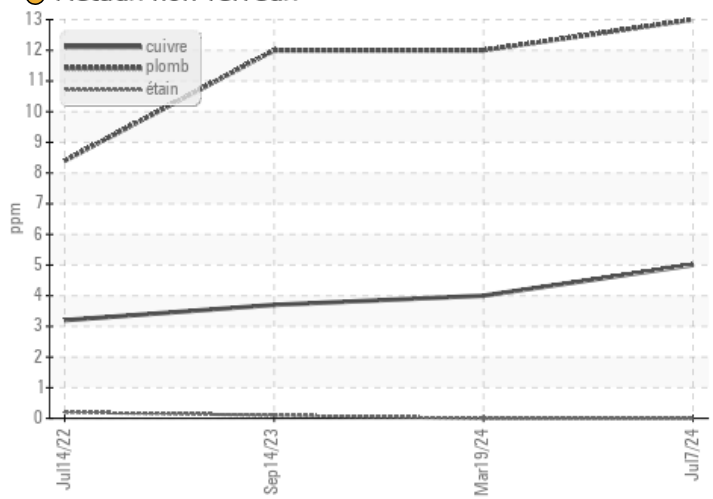
Graphs

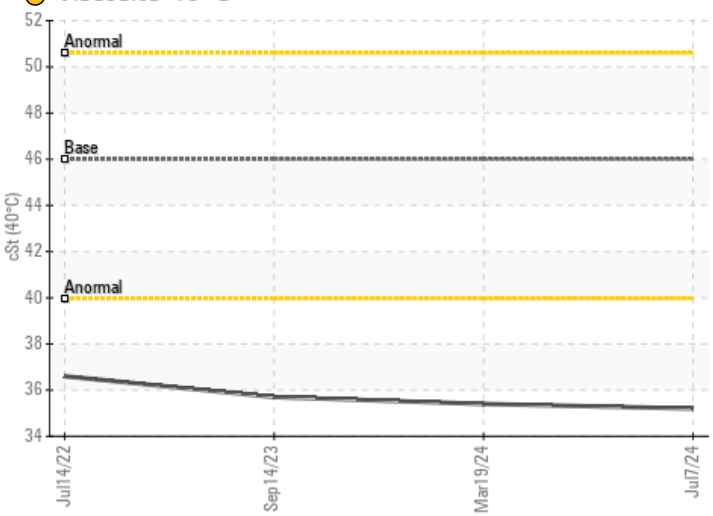
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules