LIEBHERR
CONSTRUCTION EQUIPMENT

LIEBHERR LH30M 119193-1253 - Hydraulic System

Sample No: LH0256585

Oil Type: AW HYDRAULIC OIL ISO 32

BRIGHTON RECYCLING
686 COUNTY RD 64
BRIGHTON, ON
CA K0K 1H0
Contact: Angel Guan
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INFORMATION SUR L'éCHANTILLON

Numéro d'échant.		**LH0256585**	LH0261287	LH0234940	LH0230632
Date d'échant.		**04 Oct 2023**	19 Apr 2023	14 Nov 2022	06 Jun 2022
Heures de la Machine		**5149**	4489	3951	3290
Heures de l'huile		**0**	0	0	0
Huile changée		**Changed**	Not Changd	Not Changd	Not Changd
Statut de l'echant.		**SEVERE**	SEVERE	SEVERE	ABNORMAL

ÉTAT D'HUILE

Visc 40°C	cSt	**36.2**	36.1	37.3	37.5

CONTAMINATION

Particules >4µ		**64623**	2809	3690	1711
Particules >6µ		**22641**	793	687	236
Particules >14µ		**931**	46	35	5
ISO 4406:1999 (c)		**23/22/17**	19/17/13	19/17/12	18/15/10
Silicium	ppm	**3**	2	2	1
Sodium	ppm	**2**	2	2	2
Potassium	ppm	**<1**	2	2	0

MéTAUX D'USURE

PQ		**57**	16	22	3
Fer	ppm	**265**	170	169	100
Cuivre	ppm	**8**	6	7	5
Plomb	ppm	**1**	1	<1	1
Étain	ppm	**0**	0	<1	<1
Aluminium	ppm	**<1**	<1	<1	<1
Chrome	ppm	**5**	4	4	2
Molybdène	ppm	**0**	<1	0	<1
Nickel	ppm	**0**	<1	<1	0
Titane	ppm	**0**	0	0	0
Argent	ppm	**<1**	0	0	0
Manganèse	ppm	**4**	3	3	2
Vanadium	ppm	**0**	<1	<1	0

ADDITIFS

Calcium	ppm	**564**	584	680	656
Magnésium	ppm	**5**	4	4	4
Zinc	ppm	**612**	587	621	627
Phosphore	ppm	**489**	519	541	527
Baryum	ppm	**<1**	0	0	0
Bore	ppm	**<1**	<1	<1	<1

Diagnostic

The oil change at the time of sampling has been noted. We recommend you service the filters on this component. We recommend an early resample to monitor this condition.Iron ppm levels are severe. Chromium ppm levels are abnormal. Ring wear is indicated. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: BRI686BRI
Unique No: 5657373
Signed: Kevin Marson
Report Date: 12 Oct 2023

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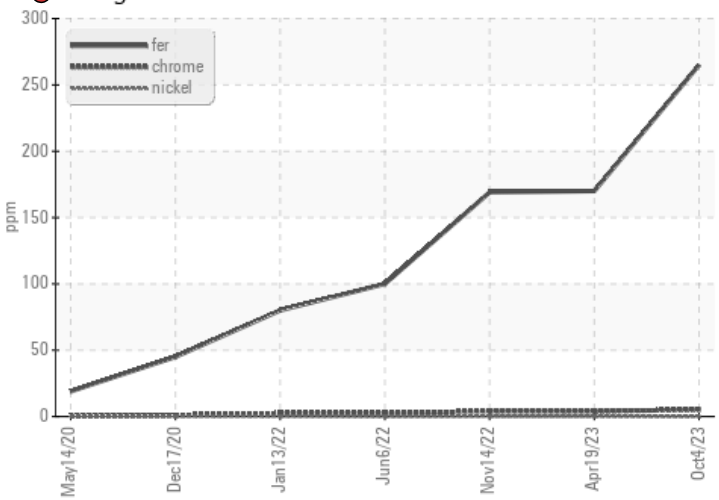
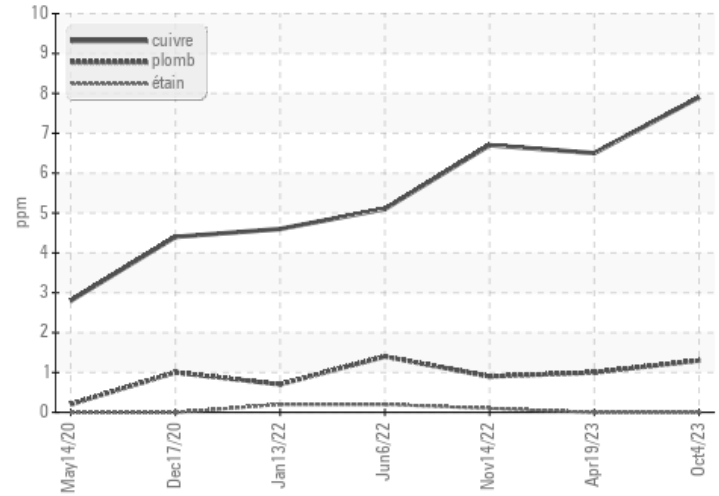
GRAPHS

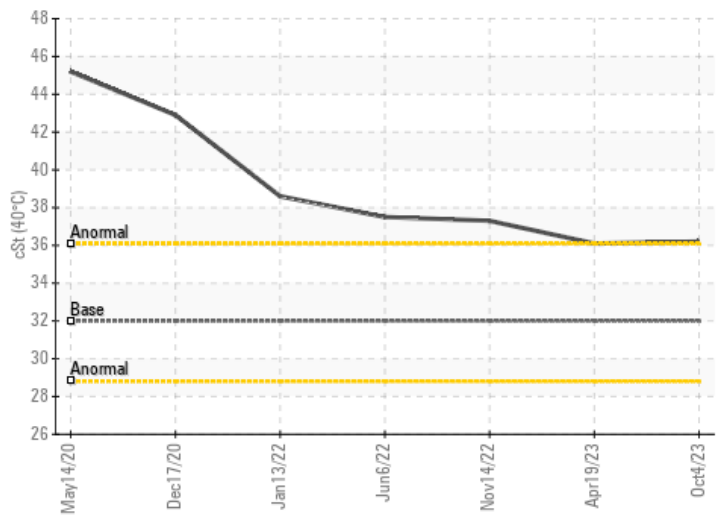
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules