LIEBHERR
CONSTRUCTION EQUIPMENT

LIEBHERR L586 033192 - Hydraulic System

Sample No: LH0277521

Oil Type: AW HYDRAULIC OIL ISO 46

WATERFORD SAND & GRAVEL
10546 ON-3
WAINFLEET, ON
CA L0S 1V0
Contact: Service Manager

T:
F:

INFORMATION SUR L'éCHANTILLON

Numéro d'échant.		**LH0277521**	LH0276126	LH0261555	LH0256980
Date d'échant.		**20 Nov 2023**	14 Sep 2023	12 Jun 2023	10 Mar 2023
Heures de la Machine		**19190**	18717	18079	17487
Heures de l'huile		**0**	0	0	0
Huile changée		**Not Changd**	Not Changd	Not Changd	Not Changd
Statut de l'echant.		**ABNORMAL**	ABNORMAL	NORMAL	NORMAL

ÉTAT D'HUILE

Visc 40°C	cSt	**39.7**	46.9	39.4	41.1

CONTAMINATION

Eau	%	**NEG**	NEG	NEG	NEG
Particules >4µ		**54576**	40889	10547	2354
Particules >6µ		**18690**	8778	2697	396
Particules >14µ		**416**	262	86	12
ISO 4406:1999 (c)		**23/21/16**	23/20/15	21/19/14	18/16/11
Silicium	ppm	**2**	<1	<1	<1
Sodium	ppm	**<1**	0	0	<1
Potassium	ppm	**0**	<1	<1	<1

MéTAUX D'USURE

Fer	ppm	**4**	<1	2	2
Cuivre	ppm	**1**	0	<1	<1
Plomb	ppm	**<1**	<1	0	<1
Étain	ppm	**0**	0	0	0
Aluminium	ppm	**<1**	<1	<1	0
Chrome	ppm	**0**	0	0	0
Molybdène	ppm	**0**	0	<1	<1
Nickel	ppm	**0**	<1	0	0
Titane	ppm	**0**	0	0	0
Argent	ppm	**<1**	0	0	0
Manganèse	ppm	**0**	0	0	0
Vanadium	ppm	**0**	0	0	0

ADDITIFS

Calcium	ppm	**99**	99	95	104
Magnésium	ppm	**13**	<1	16	8
Zinc	ppm	**646**	826	674	713
Phosphore	ppm	**507**	687	590	601
Baryum	ppm	**<1**	0	0	0
Bore	ppm	**1**	0	<1	<1

Diagnostic

We recommend you service the filters on this component. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Depot: WATWAI
Unique No: 5682999
Signed: Kevin Marson
Report Date: 22 Nov 2023

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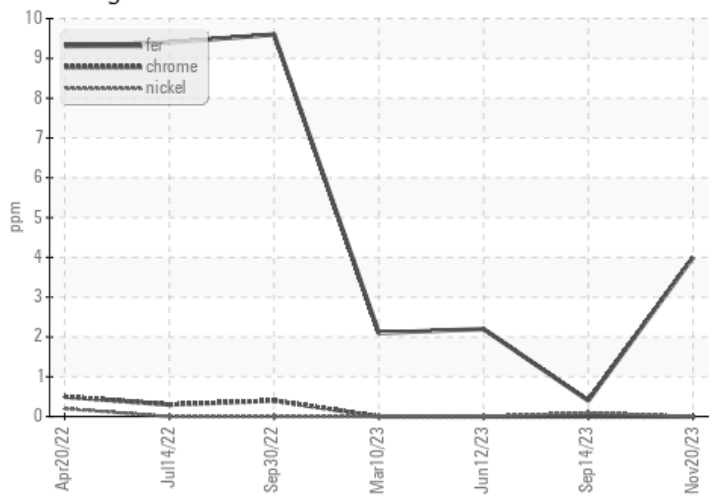
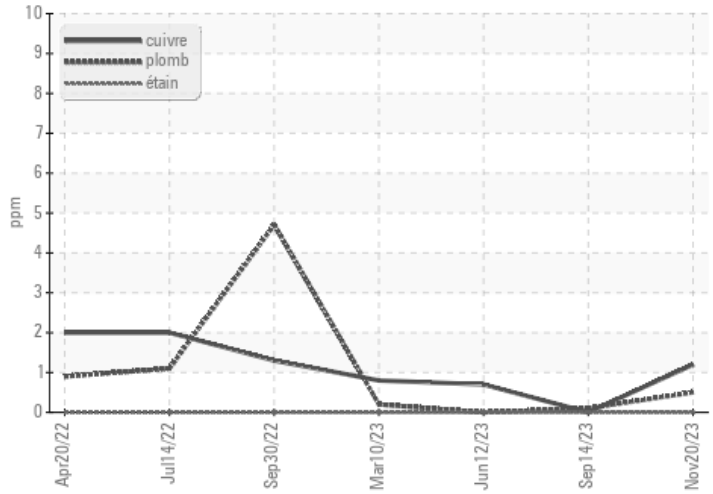
GRAPHS

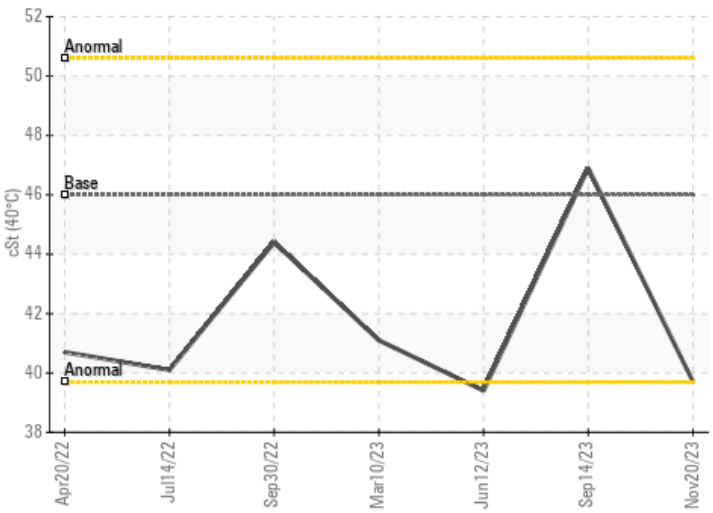
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules