

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 033192 - Hydraulic System

Sample No: LH0276126

Oil Type: AW HYDRAULIC OIL ISO 46

WATERFORD SAND & GRAVEL

10546 ON-3

WAINFLEET, ON

CA L0S 1V0

Contact: Service Manager

T:

F:

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.



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.		LH0276126	LH0261555	LH0256980	LH0239334
Date d'échant.		14 Sep 2023	12 Jun 2023	10 Mar 2023	30 Sep 2022
Heures de la Machine		18717	18079	17487	16970
Heures de l'huile		0	0	0	0
Huile changée		Not Changd	Not Changd	Not Changd	Not Changd
Statut de l'échant.		ABNORMAL	NORMAL	NORMAL	NORMAL



ÉTAT D'HUILE

Visc 40°C	cSt	● 46.9	● 39.4	● 41.1	● 44.4
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CONTAMINATION

Particules >4μ		● 40889	● 10547	● 2354	● 6950
Particules >6μ		● 8778	● 2697	● 396	● 1727
Particules >14μ		● 262	● 86	● 12	● 133
ISO 4406:1999 (c)		23/20/15	21/19/14	18/16/11	20/18/14
Silicium	ppm	● <1	● <1	● <1	● 4
Sodium	ppm	● 0	● 0	● <1	● <1
Potassium	ppm	● <1	● <1	● <1	● <1



MÉTAUX D'USURE

Fer	ppm	● <1	● 2	● 2	● 10
Cuivre	ppm	● 0	● <1	● <1	● 1
Plomb	ppm	● <1	● 0	● <1	● 5
Étain	ppm	● 0	● 0	● 0	● 0
Aluminium	ppm	● <1	● <1	● 0	● 1
Chrome	ppm	● 0	● 0	● 0	● <1
Molybdène	ppm	● 0	● <1	● <1	● 0
Nickel	ppm	● <1	● 0	● 0	● 0
Titane	ppm	● 0	● 0	● 0	● <1
Argent	ppm	● 0	● 0	● 0	● 0
Manganèse	ppm	● 0	● 0	● 0	● <1
Vanadium	ppm	● 0	● 0	● 0	● 0



ADDITIFS

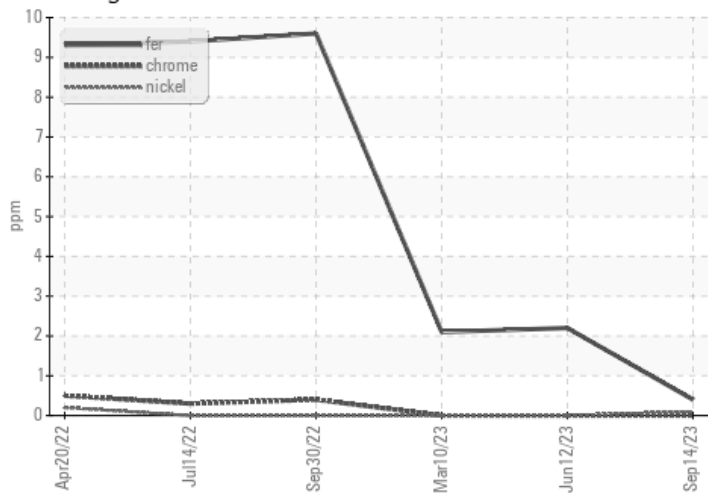
Calcium	ppm	● 99	● 95	● 104	● 854
Magnésium	ppm	● <1	● 16	● 8	● 3
Zinc	ppm	● 826	● 674	● 713	● 743
Phosphore	ppm	● 687	● 590	● 601	● 672
Baryum	ppm	● 0	● 0	● 0	● 0
Bore	ppm	● 0	● <1	● <1	● <1

Depot: WATWAI
 Unique No: 5643917
 Signed: Bill Quesnel
 Report Date: 19 Sep 2023

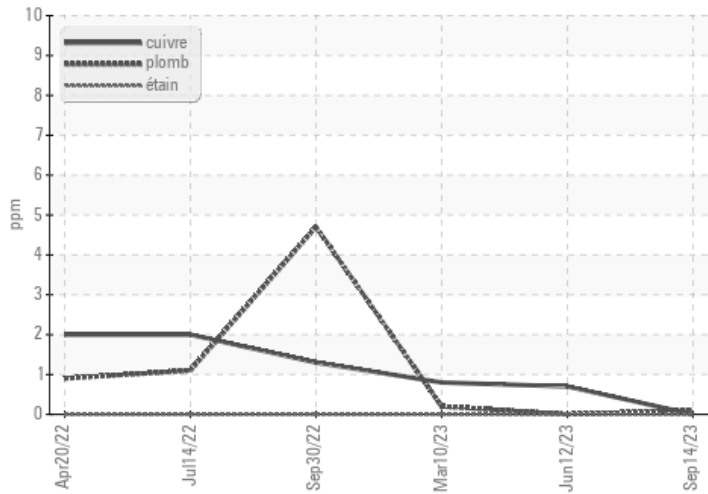


GRAPHS

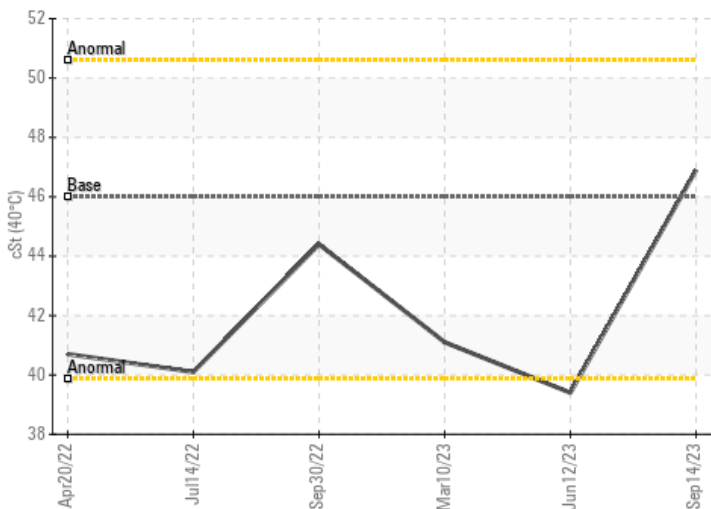
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Particle Filter (Magn: 100 x)

