

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 048547-1464 - Hydraulic System

Sample No: LH0290956

Oil Type: {unknown}



Information sur l'échantillon

Número d'échant.	LH0290956	LH0281484	LH0251459	LH0239245
Date d'échant.	27 May 2024	07 Dec 2023	16 Feb 2023	15 Sep 2022
Heures de la Machine	10162	9037	7024	5991
Heures de l'huile	0	0	0	0
Huile changée	Changed	Not Changd	Not Changd	Not Changd
Statut de l'échant.	ABNORMAL	ABNORMAL	NORMAL	NORMAL

Summit Aggregates
 2686 Greenfield Blvd.
 Ayr, ON
 CA N0B 1E0
 Contact: Bill .
 bill@summitagg.com
 T: (519)500-8146
 F:



État d'huile

Visc 40°C	cSt	41.7	42.0	43.0	43.5



Contamination

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		43240	14551	13670	2774
Particules >6µ		9330	1133	917	173
Particules >14µ		314	25	8	6
ISO 4406:1999 (c)		23/20/15	21/17/12	21/17/10	19/15/10
Silicium	ppm	8	7	5	3
Sodium	ppm	1	<1	<1	<1
Potassium	ppm	2	2	<1	<1



Métaux d'usure

PQ		0	0	---	---
Fer	ppm	28	28	18	13
Cuivre	ppm	5	5	4	4
Plomb	ppm	9	10	8	8
Étain	ppm	0	<1	<1	<1
Aluminium	ppm	4	4	2	1
Chrome	ppm	5	5	4	3
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	<1
Titane	ppm	<1	0	<1	<1
Argent	ppm	0	<1	0	0
Manganèse	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	465	514	546	528
Magnésium	ppm	6	5	4	4
Zinc	ppm	764	755	764	758
Phosphore	ppm	610	589	666	677
Baryum	ppm	<1	<1	0	0
Bore	ppm	<1	<1	<1	<1

Diagnostic

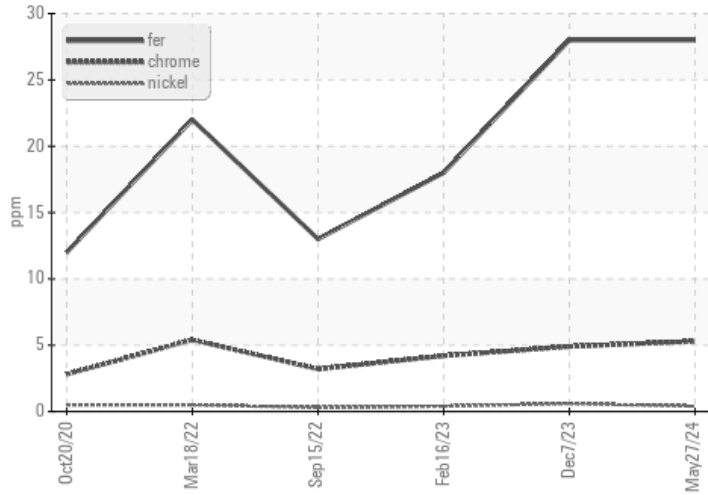
The oil change at the time of sampling has been noted. We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. Iron ppm levels are abnormal. The low ferrous density (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: SUMAYR
Unique No: 5787280
Signed: Kevin Marson
Report Date: 30 May 2024

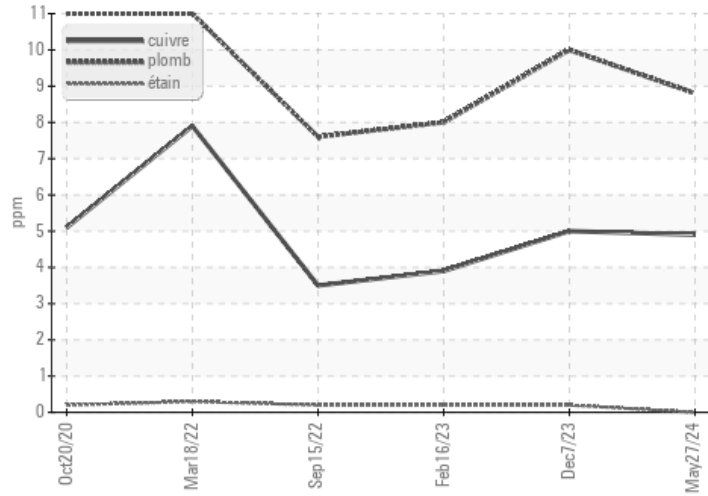


Graphs

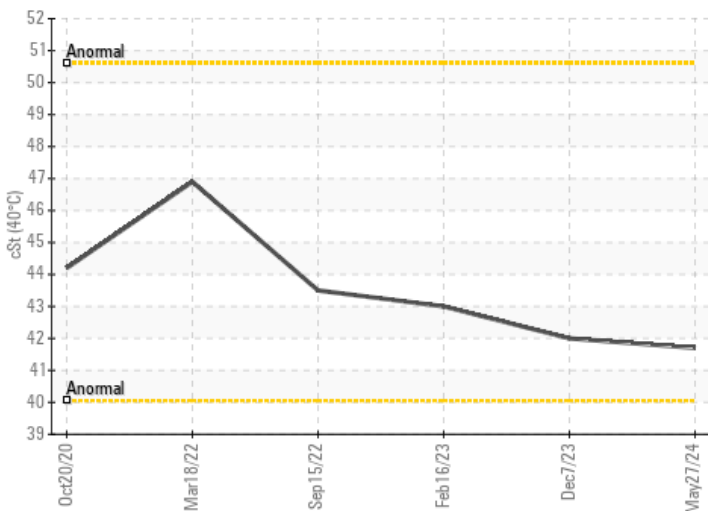
● Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



● Comptage de particules

