

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 040987-1170 - Hydraulic System

Sample No: LH0276191

Oil Type: PETRO CANADA 10W30



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0276191	LH0252149	LH0104269	LH0234913
Date d'échant.	20 Mar 2024	16 Jan 2024	27 Sep 2023	11 Jul 2023
Heures de la Machine	10426	10169	9538	9082
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Changed	Not Changd	Not Changd
Statut de l'échant.	NORMAL	NORMAL	ATTENTION	NORMAL

THOMAS CAVANAGH CONSTRUCTION LTD
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ASHTON, ON
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Contact: Keith



ÉTAT D'HUILE

Visc 40°C	cSt	61.1	58.1	58.8	59.2

T: (613)257-4995
F: (613)253-0071



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		9326	2775	22475	1468
Particules >6µ		1484	785	6542	175
Particules >14µ		18	62	265	11
ISO 4406:1999 (c)		20/18/11	19/17/13	22/20/15	18/15/11
Silicium	ppm	6	8	8	7
Sodium	ppm	2	3	4	3
Potassium	ppm	1	3	2	3

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. NOTE: An increase in the particle count is noted. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	5	7	6	5
Cuivre	ppm	2	3	3	2
Plomb	ppm	3	2	1	1
Étain	ppm	0	0	0	0
Aluminium	ppm	2	4	3	3
Chrome	ppm	0	<1	<1	<1
Molybdène	ppm	40	18	19	19
Nickel	ppm	0	<1	0	0
Titane	ppm	27	53	54	54
Argent	ppm	0	0	<1	0
Manganèse	ppm	0	0	0	<1
Vanadium	ppm	0	0	<1	<1



ADDITIFS

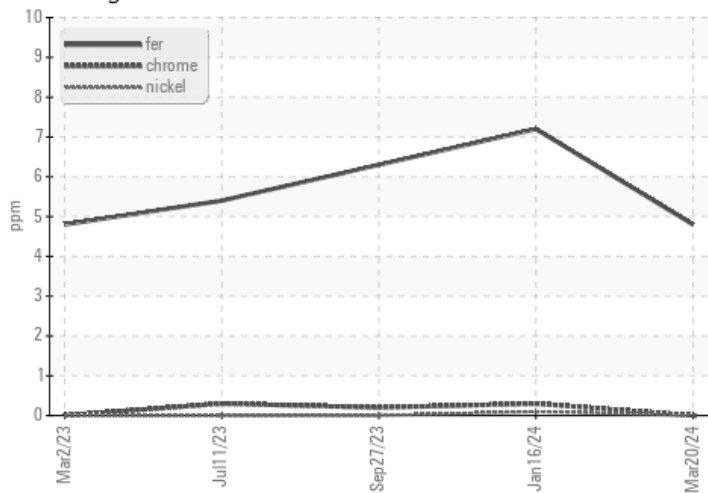
Calcium	ppm	1356	1598	1604	1561
Magnésium	ppm	694	356	361	369
Zinc	ppm	1149	1055	1081	1097
Phosphore	ppm	1012	942	942	1012
Baryum	ppm	0	0	<1	0
Bore	ppm	86	155	159	162

Depot: CAVASH
Unique No: 5750431
Signed: Kevin Marson
Report Date: 02 Apr 2024

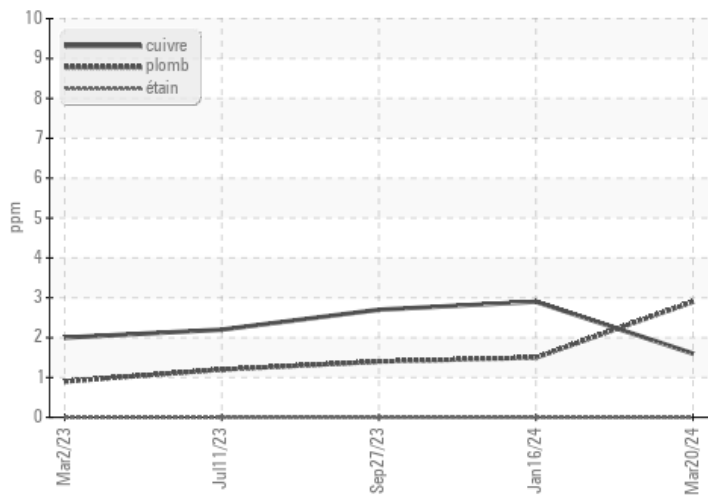


GRAPHS

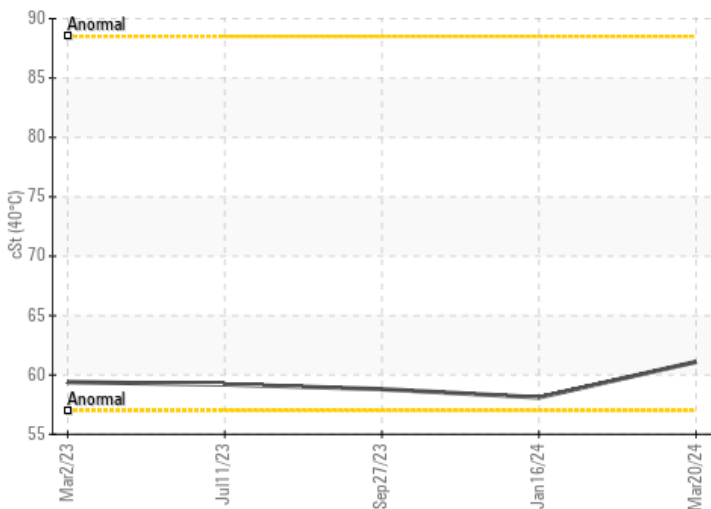
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

