

LIEBHERR

CONSTRUCTION EQUIPMENT



[(351038)] LIEBHERR L586 053097-1334 - Hydraulic System

Sample No: LH

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



SAMPLE INFORMATION

Sample Number	LH	LH0235089	---	---
Sample Date	25 Jul 2023	19 Oct 2022	---	---
Machine Hours	8690	7220	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

UNIROC
5605 ROUTE ARTHUR SAUVE
MIRABEL, QC
CA J7N 2Z9
Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	26.9	26.1	---	---
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T:
F:



CONTAMINATION

Particles >4µm		49664	6378	---	---
Particles >6µm		14707	504	---	---
Particles >14µm		864	12	---	---
ISO 4406:1999 (c)		23/21/17	20/16/11	---	---
Silicon	ppm	10	10	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	3	5	---	---

Diagnosis

Nous recommandons le remplacement des filtres de ce composant. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Les taux d'usure de tous les composants sont normaux. Il y a une quantité modérée de particules (de 4 à 14 microns) dans l'huile. La viscosité de l'échantillon se situe dans la portée de l'ISO 22; nous vous conseillons de vérifier. l'huile peut encore servir si la contamination peut être réduite à un niveau acceptable.



WEAR METALS

Iron	ppm	23	25	---	---
Copper	ppm	3	5	---	---
Lead	ppm	6	10	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	3	5	---	---
Chromium	ppm	2	3	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

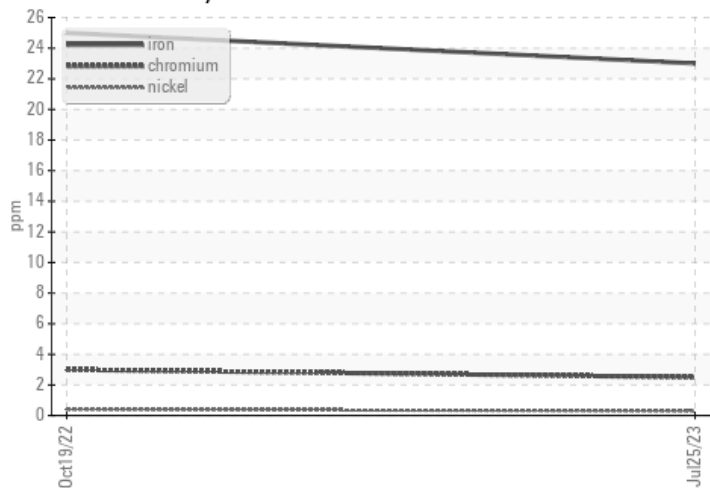
Calcium	ppm	611	839	---	---
Magnesium	ppm	42	56	---	---
Zinc	ppm	467	471	---	---
Phosphorus	ppm	640	629	---	---
Barium	ppm	0	0	---	---
Boron	ppm	2	1	---	---

Depot: UNI560MIR
Unique No: 5618284
Signed: Kevin Marson
Report Date: 01 Aug 2023

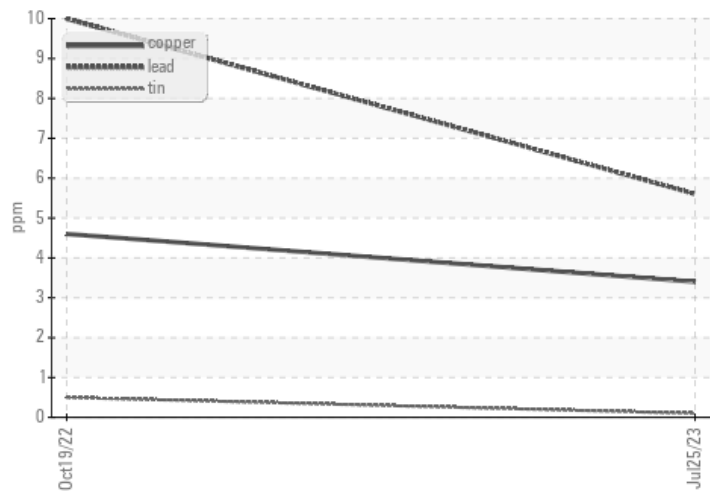


GRAPHS

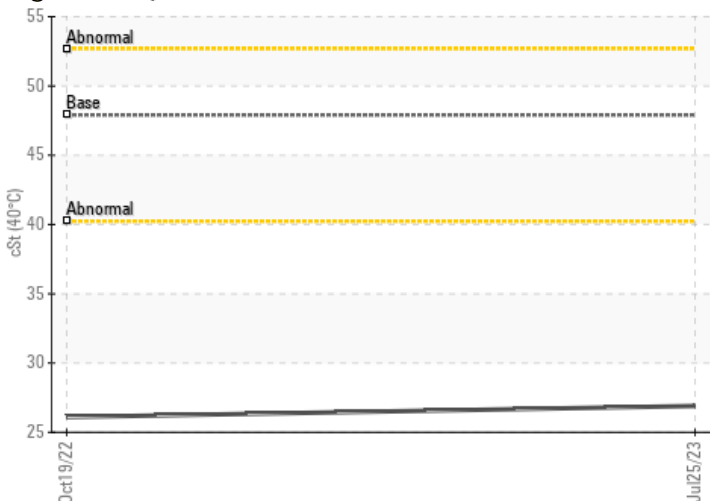
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

