

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R974CEW 044496-1084 - Hydraulic System

Sample No: LH0260966
Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH0260966	LH0260776	LH0143568	LH
Sample Date	23 Jun 2023	25 May 2023	17 Aug 2022	28 May 2021
Machine Hours	0	11735	11198	0
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

QIT - Rio Tinto Fer et Titane Inc.
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OIL CONDITION

Visc @ 40°C	cSt	41.0	40.5	39.9	39.3
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CONTAMINATION

Particles >4µm		4033	7955	13555	4566
Particles >6µm		1081	1754	1406	918
Particles >14µm		74	143	36	66
ISO 4406:1999 (c)		19/17/13	20/18/14	21/18/12	19/17/13
Silicon	ppm	6	6	3	3
Sodium	ppm	<1	<1	2	2
Potassium	ppm	2	2	1	<1



WEAR METALS

Iron	ppm	4	4	7	6
Copper	ppm	<1	<1	1	<1
Lead	ppm	0	<1	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	1	1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	3	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3212	3578	2998	2968
Magnesium	ppm	14	14	15	16
Zinc	ppm	1093	1078	1136	1218
Phosphorus	ppm	969	990	972	1022
Barium	ppm	<1	0	0	<1
Boron	ppm	2	3	5	4

Diagnosis

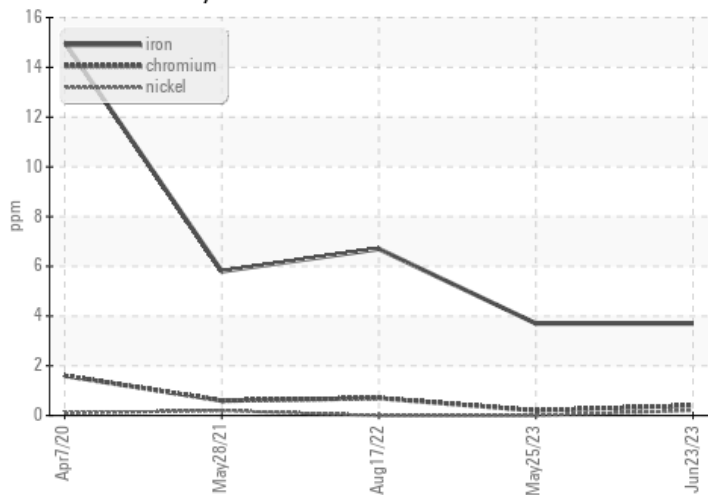
Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. L'état de l'huile est acceptable pour la durée de service.

Depot: QITGARAGE
Unique No: 5607740
Signed: Wes Davis
Report Date: 19 Jul 2023

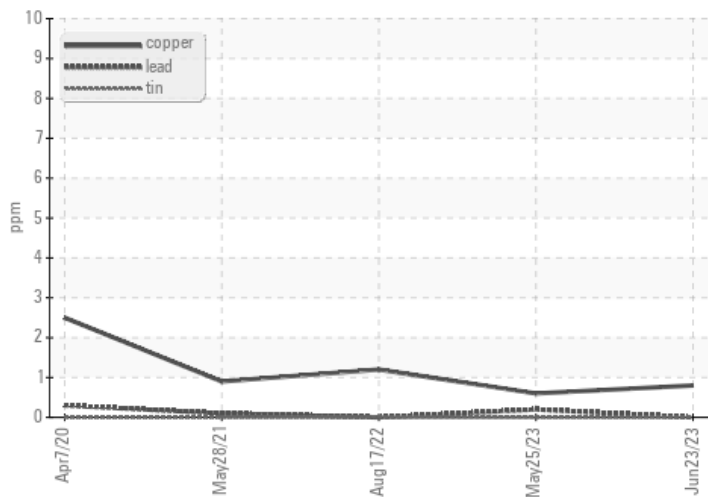


GRAPHS

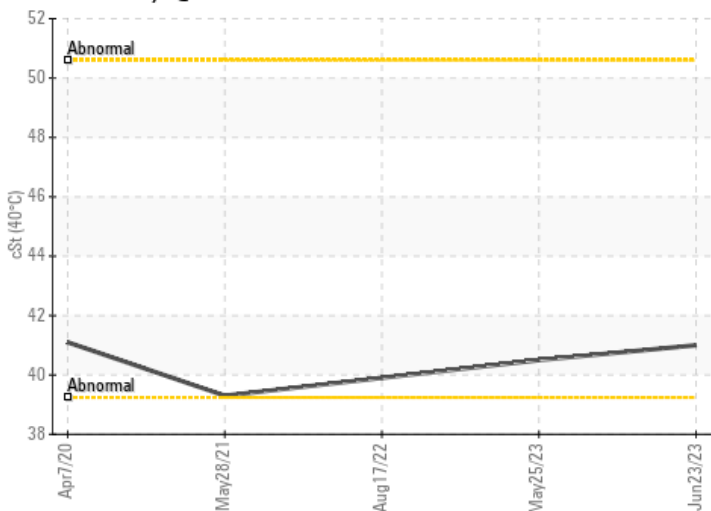
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

