

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 145111-1217 - Hydraulic System

Sample No: LH0266080
 Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH0266080	LH0261413	---	---
Sample Date	20 Jun 2023	27 Apr 2023	---	---
Machine Hours	1188	558	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

RAM IRON AND METAL

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OIL CONDITION

Visc @ 40°C	cSt	41.2	42.6	---	---
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CONTAMINATION

Particles >4µm		4632	7521	---	---
Particles >6µm		1052	1754	---	---
Particles >14µm		37	89	---	---
ISO 4406:1999 (c)		19/17/12	20/18/14	---	---
Silicon	ppm	3	2	---	---
Sodium	ppm	2	<1	---	---
Potassium	ppm	1	1	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	35	13	---	---
Copper	ppm	6	2	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

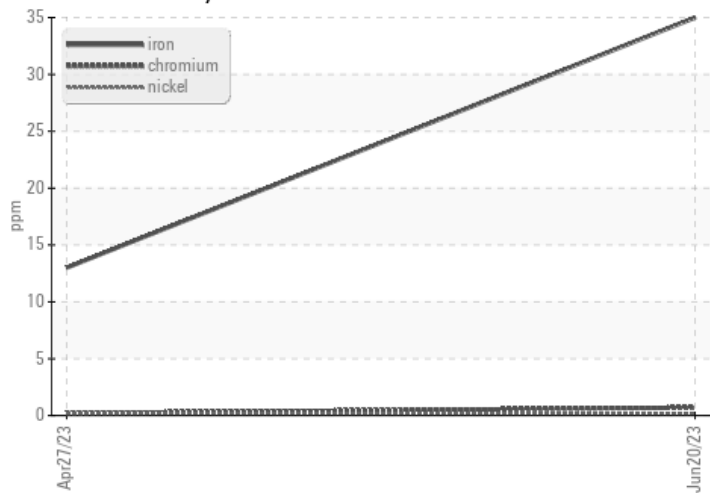
Calcium	ppm	1087	1136	---	---
Magnesium	ppm	6	6	---	---
Zinc	ppm	649	639	---	---
Phosphorus	ppm	616	628	---	---
Barium	ppm	2	0	---	---
Boron	ppm	<1	1	---	---

Depot: RAMTOR
 Unique No: 5605864
 Signed: Wes Davis
 Report Date: 11 Jul 2023

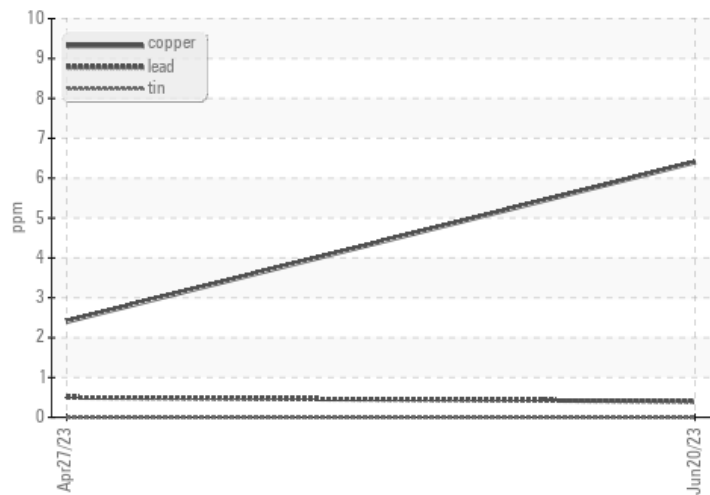


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

