

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 1334-49308 - Hydraulic System

Sample No: LH0172255
 Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH0172255	LH0172242	LH0172216	LH0172203
Sample Date	25 Jul 2023	12 Aug 2022	07 Jun 2021	21 Sep 2020
Machine Hours	5279	4006	2038	1000
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	ATTENTION	NORMAL

STARK PAVING

12845 BURLEIGH ROAD
 BROOKFIELD, WI
 US 53005

Contact: DANIEL MIGAAZ
 danm@starkcorp.us
 T: (414)507-5987
 F:



OIL CONDITION

Visc @ 40°C	cSt	44.2	44.9	45.3	45.8
Acid Number (AN)	mg KOH/g	0.89	0.90	1.086	1.038



CONTAMINATION

Particles >4µm		10085	4156	8656	5583
Particles >6µm		1906	769	2171	658
Particles >14µm		115	91	654	57
ISO 4406:1999 (c)		21/18/14	19/17/14	20/18/17	20/17/13
Silicon	ppm	3	4	2	2
Sodium	ppm	0	<1	1	2
Potassium	ppm	3	0	<1	<1



WEAR METALS

Iron	ppm	15	22	14	12
Copper	ppm	3	4	3	2
Lead	ppm	6	8	6	6
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	1	1	1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	1	0	0	1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	1412	1515	1380	1349
Magnesium	ppm	9	11	9	8
Zinc	ppm	667	721	660	681
Phosphorus	ppm	559	580	550	553
Barium	ppm	0	0	0	0
Boron	ppm	0	3	4	4

Diagnosis

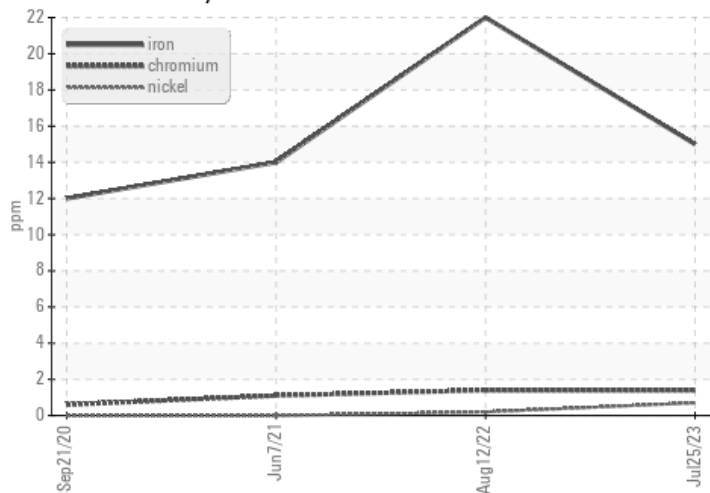
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: STABROWI
 Unique No: 10619557
 Signed: Wes Davis
 Report Date: 28 Aug 2023

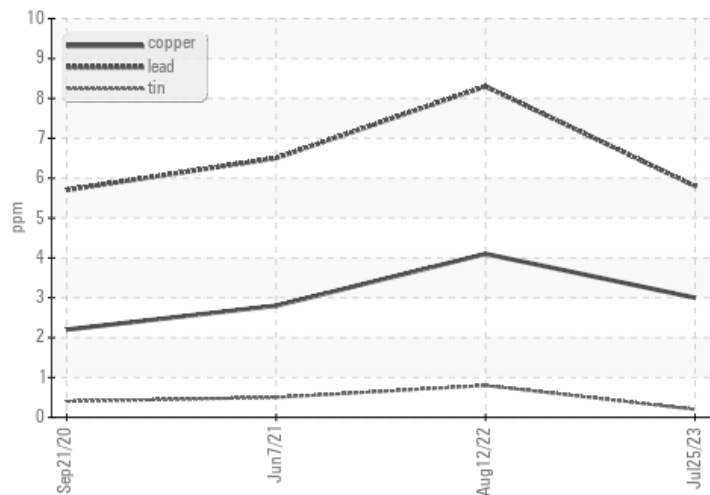


GRAPHS

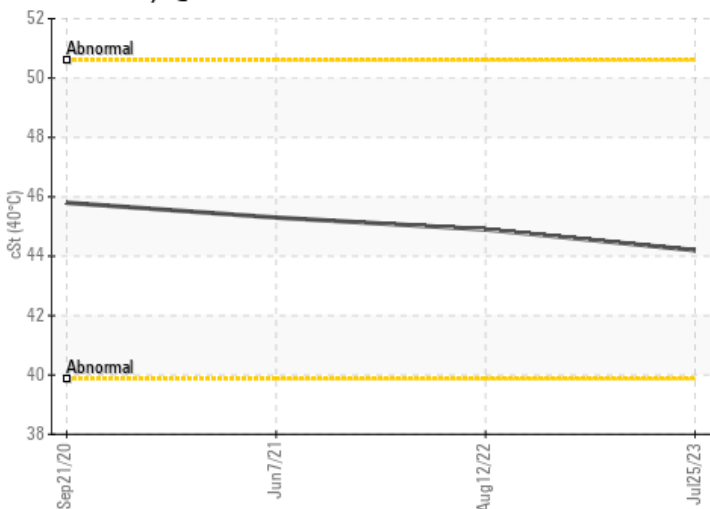
Ferrous Alloys



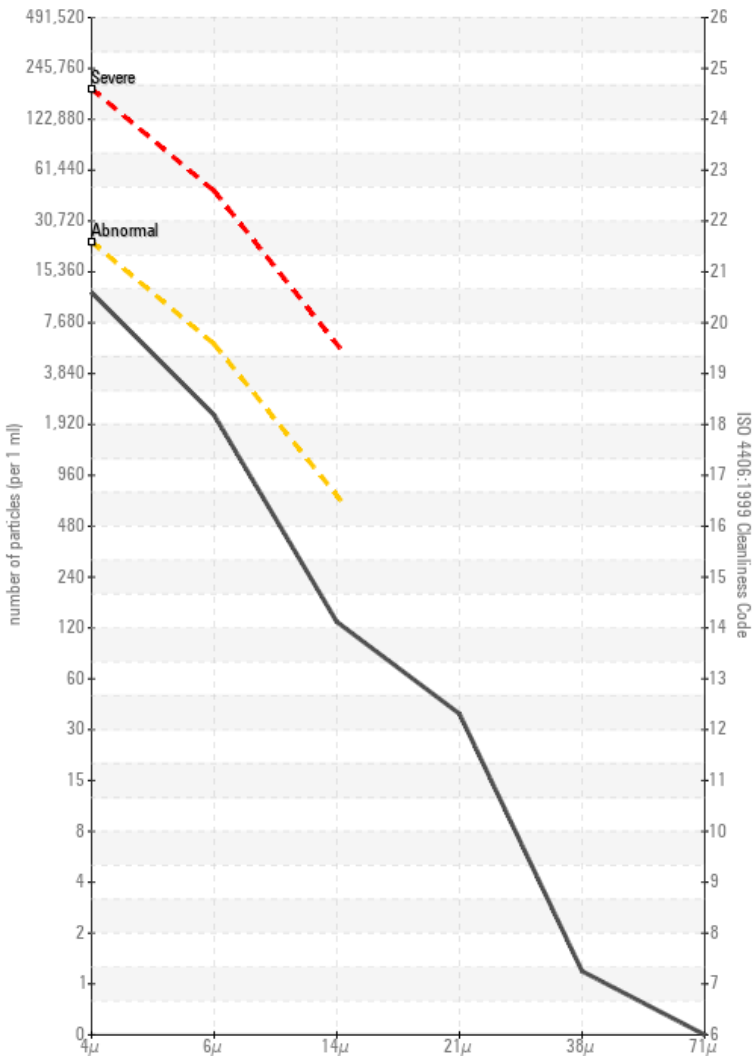
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

