

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [LIEBHERR] LIEBHERR A934CHD 062713-1419 - Splitter Box

Sample No: LH0229493

Oil Type: SUPER S 80W90 LS



#### SAMPLE INFORMATION

Sample Number	LH0229493	DJJ0000832	DJJ028707	DJJ028756
Sample Date	12 Jul 2023	19 Nov 2019	22 Jun 2018	05 Dec 2017
Machine Hours	12515	9434	8148	7510
Oil Hours	500	500	500	500
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	ATTENTION	ATTENTION	NORMAL	NORMAL

METAL RECYCLING SERVICES - GASTONIA  
5401 S YORK HWY  
GASTONIA, NC  
US 28052  
Contact: RYAN BOWDEN



#### OIL CONDITION

Visc @ 40°C	cSt	96.6	93.5	123.3	138.9
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T:  
F: (704)864-9863



#### CONTAMINATION

Silicon	ppm	8	4	4	4
Sodium	ppm	<1	<1	1	1
Potassium	ppm	3	1	3	6

#### Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal.



#### WEAR METALS

Iron	ppm	21	12	21	27
Copper	ppm	2	<1	<1	<1
Lead	ppm	0	<1	1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	4	1	2	4
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	27	1	<1	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

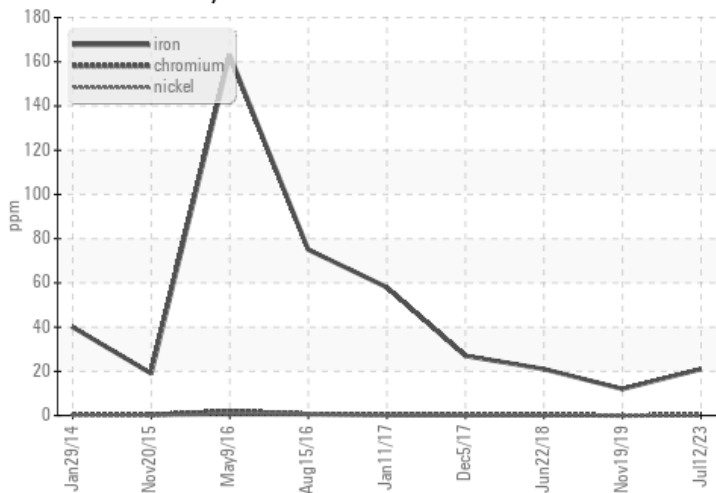
Calcium	ppm	692	21	14	19
Magnesium	ppm	23	3	0	2
Zinc	ppm	378	6	36	45
Phosphorus	ppm	594	377	608	730
Barium	ppm	0	0	0	2
Boron	ppm	16	8	21	19

Depot: METGAS  
Unique No: 10562950  
Signed: Don Baldrige  
Report Date: 20 Jul 2023

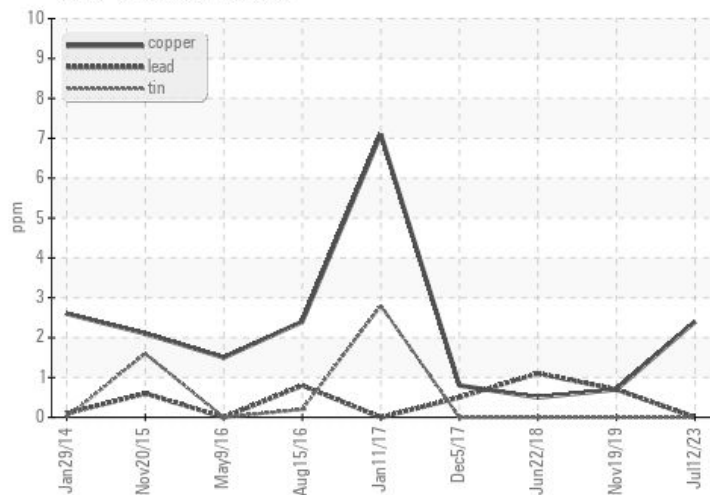


### GRAPHS

Ferrous Alloys



Non-ferrous Metals



● Viscosity @ 40°C

