

LIEBHERR

CONSTRUCTION EQUIPMENT



[RMR-Newport] 67152 LIEBHERR R954C 033850-781 - Splitte

Sample No: LH0254377

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0254377	DJJ0016698	DJJ0011495	DJJ0004488
Sample Date	19 Mar 2024	05 Jan 2023	19 May 2022	10 Sep 2021
Machine Hours	0	18056	16779	15361
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	ATTENTION	ATTENTION

RIVER METALS RECYCLING - ASHLAND
1900 FRONT ST
ASHLAND, KY
US 41101
Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	113	96.3	69.1	72.5
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	3	5	5
Sodium	ppm	1	0	<1	<1
Potassium	ppm	2	2	4	7

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. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	11	11	27	23
Copper	ppm	1	1	2	<1
Lead	ppm	<1	0	0	<1
Tin	ppm	<1	<1	0	0
Aluminum	ppm	<1	2	4	4
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	2	2	2	3
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	<1	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

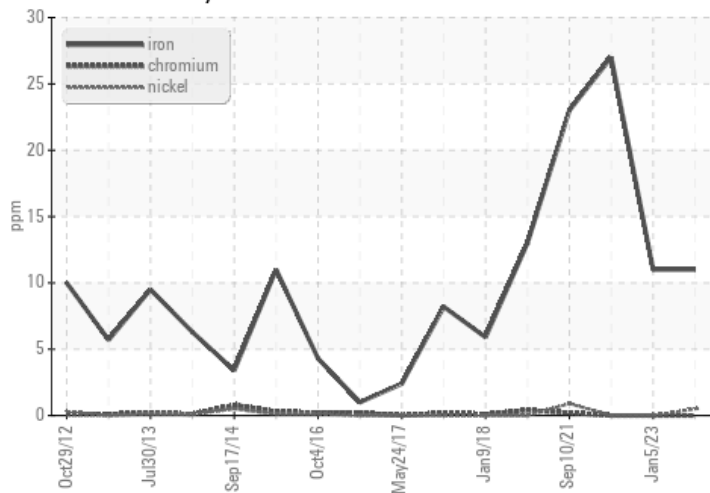
Calcium	ppm	91	28	40	38
Magnesium	ppm	3	3	7	8
Zinc	ppm	33	14	20	31
Phosphorus	ppm	324	284	422	474
Barium	ppm	0	1	0	0
Boron	ppm	2	4	10	33

Depot: RIVASHKY
Unique No: 10942327
Signed: Wes Davis
Report Date: 26 Mar 2024

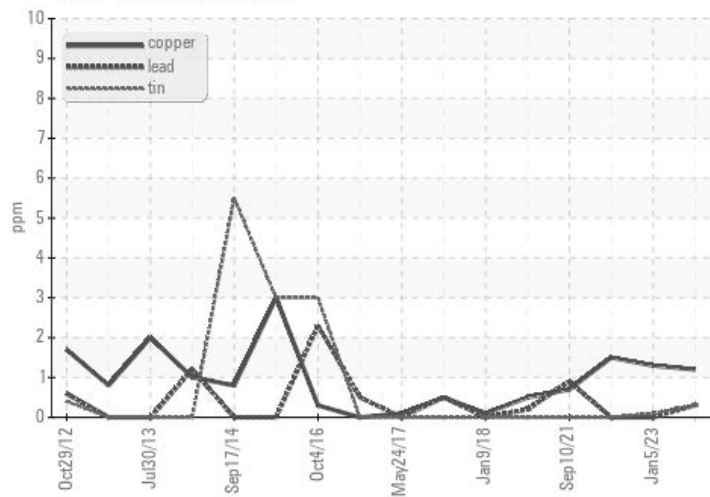


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

