

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 118664-1216 - Splitter Box

Sample No: LH0270618

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



SAMPLE INFORMATION

Sample Number	LH0270618	LH0257024	LH0251654	LH0247452
Sample Date	05 Jul 2023	12 Apr 2023	09 Feb 2023	13 Jan 2023
Machine Hours	10728	10117	9549	9244
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RAM IRON AND METAL

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 TORONTO, ON
 CA M3J 1Z5
 Contact: PETER RACCO
 PETER@RAMIRON.COM
 T: (416)630-4545
 F: (416)630-5258



OIL CONDITION

Visc @ 40°C	cSt	69.4	73.4	66.8	70.8
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CONTAMINATION

Silicon	ppm	1	1	1	<1
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	<1	0	0	<1



WEAR METALS

Iron	ppm	10	6	8	7
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	7	0	0	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	33	24	39	25
Magnesium	ppm	3	3	4	3
Zinc	ppm	138	109	114	92
Phosphorus	ppm	1063	1116	1039	1072
Barium	ppm	0	0	0	0
Boron	ppm	228	236	220	236

Diagnosis

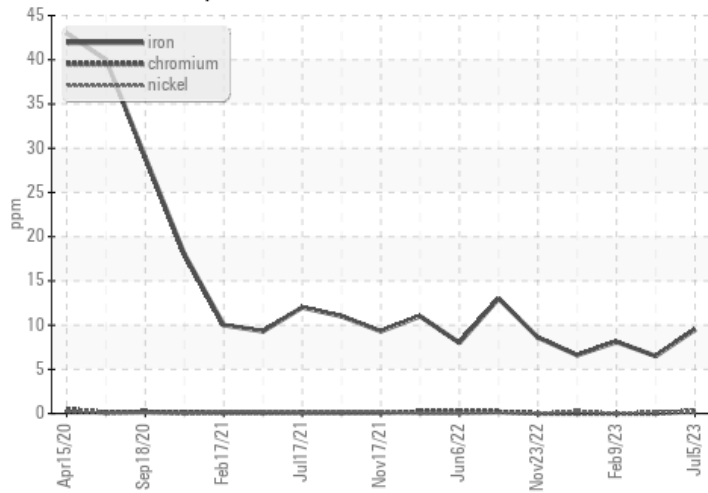
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 80 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: RAMTOR
 Unique No: 5607736
 Signed: Kevin Marson
 Report Date: 21 Jul 2023

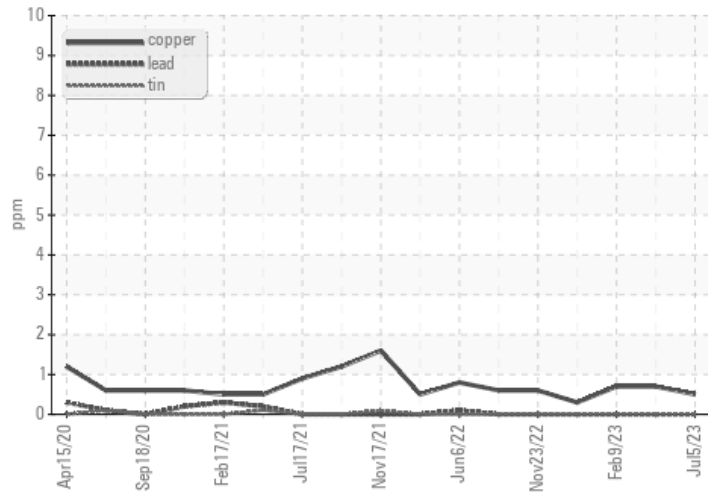


GRAPHS

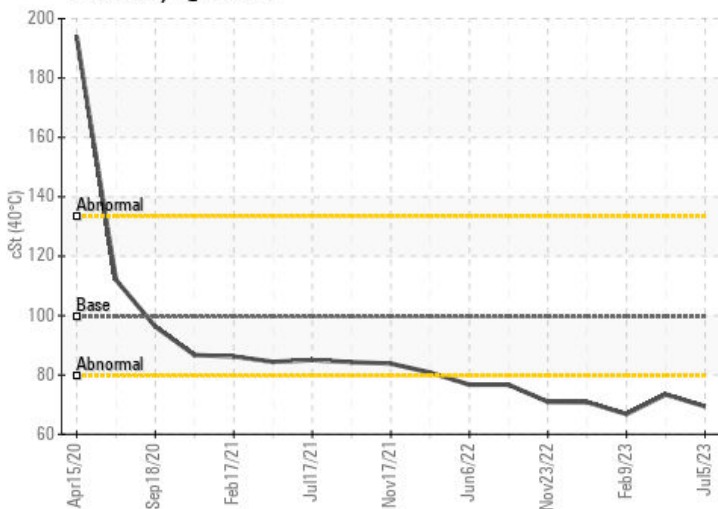
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

