

LIEBHERR

CONSTRUCTION EQUIPMENT



[WEST COAST] LIEBHERR A924C 060467 - Splitter Box

Sample No: LH0288021

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0288021	LH0250567	LH0260639	LH0234177
Sample Date	08 May 2024	19 Sep 2023	27 Apr 2023	24 Feb 2023
Machine Hours	24317	23124	22672	22349
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

West Coast Metal Recycling

5771 Production Way
Langley, BC
CA V3A 4N5
Contact: Terry .
terry@gotmetal.ca



Oil Condition

Visc @ 40°C	cSt	156	199	172	172
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Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	<1	3	2
Sodium	ppm	2	5	1	<1
Potassium	ppm	4	10	<1	0



Wear Metals

Iron	ppm	53	12	10	8
Copper	ppm	<1	1	<1	0
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	11	5	3	2
Magnesium	ppm	2	2	<1	0
Zinc	ppm	24	3	10	7
Phosphorus	ppm	1964	1114	2358	2402
Barium	ppm	0	<1	0	0
Boron	ppm	49	1	31	30

Diagnosis

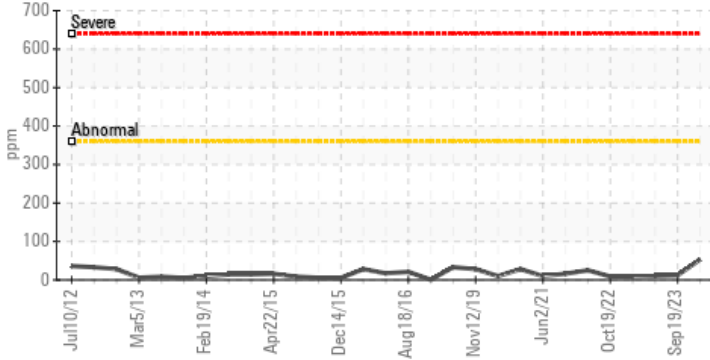
Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: WES577LAN
Unique No: 5775844
Signed: Wes Davis
Report Date: 10 May 2024

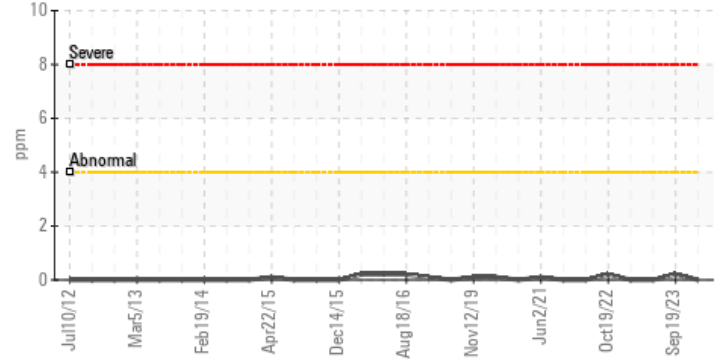


Graphs

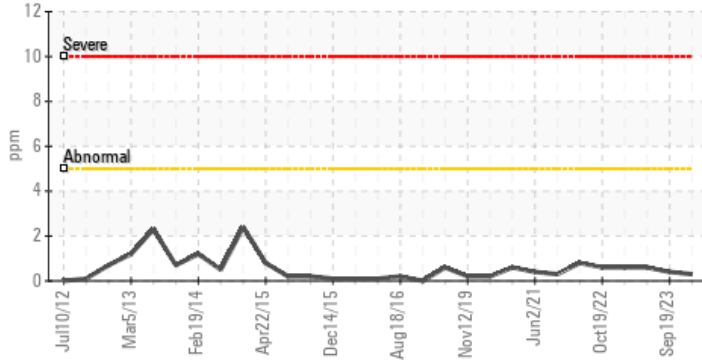
Iron (ppm)



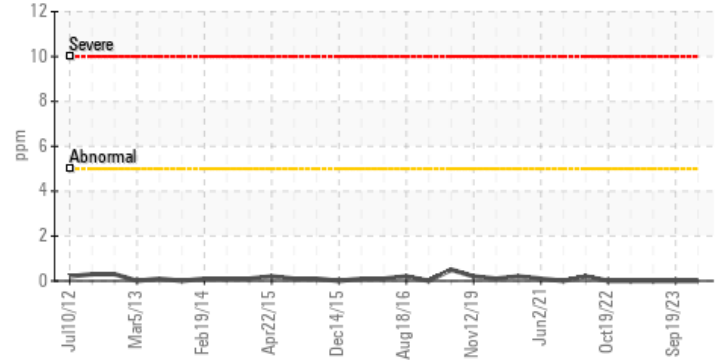
Lead (ppm)



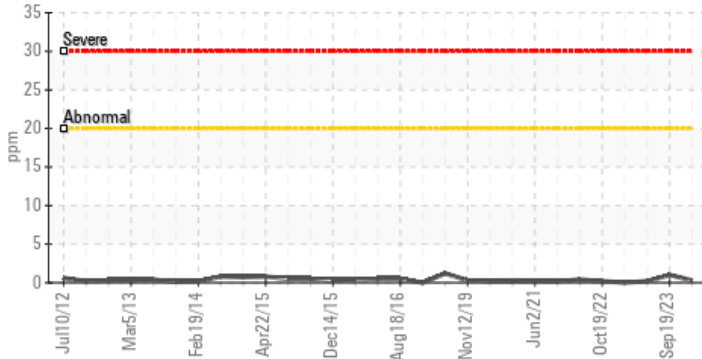
Aluminum (ppm)



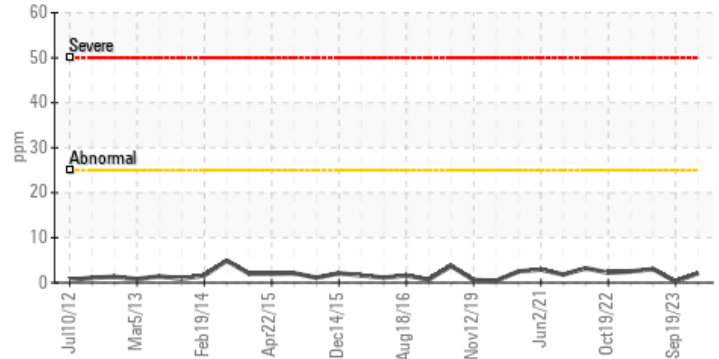
Chromium (ppm)



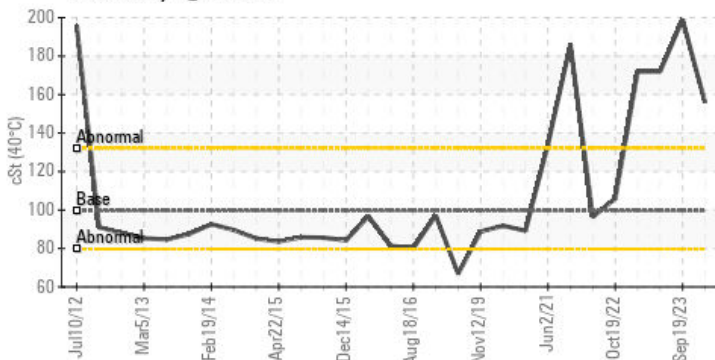
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

