

LIEBHERR

CONSTRUCTION EQUIPMENT



[(369353)] LIEBHERR LH30M 136880-1253 - Front Right Wheel

Sample No: LH0110642

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0110642	LH0284114	LH0260552	LH0226448
Sample Date	18 Jun 2024	15 Mar 2024	12 Sep 2023	13 Feb 2023
Machine Hours	6158	5489	4272	2833
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

West Coast Metal Recycling

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

T:
F:



Oil Condition

Visc @ 40°C	cSt	103	101	93.7	63.9
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Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	2	3	4
Sodium	ppm	1	2	5	14
Potassium	ppm	<1	0	1	<1



Wear Metals

Iron	ppm	13	17	16	35
Copper	ppm	3	7	15	22
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	<1	1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	56	187	803	3631
Magnesium	ppm	2	2	3	9
Zinc	ppm	30	95	344	1414
Phosphorus	ppm	1225	1230	1249	1219
Barium	ppm	<1	<1	<1	<1
Boron	ppm	297	281	225	100

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: 5814300
Signed: Wes Davis
Report Date: 18 Jul 2024



Graphs

