

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0110643

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0110643	LH0284112	LH0260553	LH0226447
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

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Oil Condition

Visc @ 40°C	cSt	103	102	92.8	64.4
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Contamination

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

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. The condition of the oil is acceptable for the time in service.



Wear Metals

Iron	ppm	15	16	20	40
Copper	ppm	3	6	13	21
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	<1
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	1	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	59	188	883	3623
Magnesium	ppm	2	2	4	9
Zinc	ppm	32	93	374	1416
Phosphorus	ppm	1236	1221	1234	1227
Barium	ppm	<1	1	<1	1
Boron	ppm	298	279	218	101

Depot: WES577LAN

Unique No: 5814299

Signed: Wes Davis

Report Date: 18 Jul 2024



Graphs

