

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 117 273-1253 - Transmission (Manual)

Sample No: LH0242021

Oil Type: PETRO CANADA 10W40



SAMPLE INFORMATION

Sample Number	LH0242021	LH0152444	LH0152430	LH0152416
Sample Date	21 Sep 2023	09 Nov 2021	10 Jun 2021	14 Dec 2020
Machine Hours	9114	4278	3137	2152
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	ABNORMAL	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	62.9	61.3	107	59.0
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CONTAMINATION

Silicon	ppm	3	3	5	3
Sodium	ppm	4	9	2	17
Potassium	ppm	<1	1	<1	2



WEAR METALS

Iron	ppm	10	12	<1	10
Copper	ppm	13	20	<1	25
Lead	ppm	<1	<1	<1	<1
Tin	ppm	<1	1	0	1
Aluminum	ppm	2	2	<1	2
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	60	52	53	37
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	7	14	<1	16
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1153	1336	1003	1782
Magnesium	ppm	987	860	925	634
Zinc	ppm	1229	1203	1156	1223
Phosphorus	ppm	1083	1124	956	1067
Barium	ppm	0	<1	0	<1
Boron	ppm	3	3	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 fluid. The condition of the fluid is acceptable for the time in service.

Depot: WES577LAN

Unique No: 5646052

Signed: Bill Quesnel

Report Date: 26 Sep 2023



GRAPHS

