

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 099527-1253 - Rear Differential

Sample No: LH0284019

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	LH0284019	LH0173457	LH	LH
Sample Date	24 Jan 2024	01 Sep 2021	12 Aug 2020	01 Apr 2020
Machine Hours	12056	7094	5031	4389
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

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#### OIL CONDITION

Visc @ 40°C	cSt	107	104	108	176
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#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	1	1	2
Sodium	ppm	<1	1	<1	7
Potassium	ppm	<1	<1	<1	<1

#### 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	2	4	5	14
Copper	ppm	<1	1	1	3
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	0	0	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	6	32	121	374
Magnesium	ppm	<1	1	2	2
Zinc	ppm	7	12	50	166
Phosphorus	ppm	1215	1423	1460	2220
Barium	ppm	0	0	0	<1
Boron	ppm	299	309	217	9

Depot: WES577LAN

Unique No: 5720970

Signed: Wes Davis

Report Date: 30 Jan 2024



### GRAPHS

