

LIEBHERR

CONSTRUCTION EQUIPMENT



[(369353)] LIEBHERR LH30M 136880-1253 - Rear Differential

Sample No: LH0115863

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0115863	LH0284116	LH0260554	LH0226441
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	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	104	104	98.8	64.2
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Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	0	2	6
Sodium	ppm	1	<1	2	15
Potassium	ppm	<1	0	<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	5	5	8	15
Copper	ppm	<1	1	4	11
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	0	0	<1	2
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	22	49	389	3757
Magnesium	ppm	5	2	2	10
Zinc	ppm	15	29	189	1442
Phosphorus	ppm	1253	1252	1281	1235
Barium	ppm	<1	<1	<1	<1
Boron	ppm	304	301	270	103

Depot: WES577LAN

Unique No: 5814298

Signed: Wes Davis

Report Date: 18 Jul 2024



Graphs

