

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 117273-1253 - Front Left Wheel Hub

Sample No: LH0242026

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



West Coast Metal Recycling
 5771 Production Way
 Langley, BC
 CA V3A 4N5
 Contact: Terry .
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 T:
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SAMPLE INFORMATION

Sample Number	LH0242026	LH0240767	LH0152445	LH0152431
Sample Date	21 Sep 2023	05 Oct 2022	09 Nov 2021	10 Jun 2021
Machine Hours	9114	7029	4278	3137
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	107	102	91.8	91.9
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CONTAMINATION

Silicon	ppm	<1	<1	2	2
Sodium	ppm	3	5	7	7
Potassium	ppm	0	<1	<1	<1



WEAR METALS

Iron	ppm	14	12	25	17
Copper	ppm	4	4	14	14
Lead	ppm	0	<1	0	<1
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	0	<1	2	2
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	<1	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	28	64	196	206
Magnesium	ppm	2	2	2	2
Zinc	ppm	17	19	80	118
Phosphorus	ppm	1319	1285	1258	1175
Barium	ppm	<1	<1	2	2
Boron	ppm	277	302	274	251

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.

Depot: WES577LAN
 Unique No: 5646082
 Signed: Wes Davis
 Report Date: 26 Sep 2023



GRAPHS

