

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 099527-1253 - Swing Drive

Sample No: LH0284022

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0284022	LH0250579	LH0246869	LH0173455
Sample Date	24 Jan 2024	13 Sep 2023	08 Feb 2023	01 Sep 2021
Machine Hours	12056	11483	10338	7094
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	ABNORMAL	NORMAL	ABNORMAL	NORMAL

West Coast Metal Recycling

5771 Production Way
Langley, BC
CA V3A 4N5
Contact: Terry .
terry@gotmetal.ca
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	110	110	105	172
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	2	2	9
Sodium	ppm	<1	<1	1	2
Potassium	ppm	2	<1	0	<1



WEAR METALS

Iron	ppm	591	79	102	194
Copper	ppm	348	113	151	33
Lead	ppm	10	3	4	1
Tin	ppm	9	4	4	2
Aluminum	ppm	<1	<1	0	<1
Chromium	ppm	4	<1	<1	2
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	<1
Manganese	ppm	4	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	9	21	14	4
Magnesium	ppm	2	2	<1	1
Zinc	ppm	26	16	20	9
Phosphorus	ppm	1292	1399	1409	2410
Barium	ppm	0	0	0	0
Boron	ppm	102	262	288	53

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate concentration of water present in the oil. Free water present. The oil is no longer serviceable due to the presence of contaminants.

Depot: WES577LAN
Unique No: 5720963
Signed: Bill Quesnel
Report Date: 30 Jan 2024

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GRAPHS

