

LIEBHERR

CONSTRUCTION EQUIPMENT



[WEST COAST METAL] LIEBHERR R924 041508 - Left Final Driv

Sample No: LH0260665

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0260665	LH0238652	LH0238678	LH0222017
Sample Date	19 Jul 2023	17 Nov 2022	18 Oct 2022	09 Feb 2022
Machine Hours	13316	12369	12262	11207
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	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	147	149	98.5	105
-------------	-----	-----	-----	------	-----



CONTAMINATION

Silicon	ppm	<1	<1	<1	<1
Sodium	ppm	1	1	1	<1
Potassium	ppm	<1	0	<1	<1



WEAR METALS

Iron	ppm	9	8	9	9
Copper	ppm	0	0	0	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	<1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	6	4	2	12
Magnesium	ppm	1	<1	1	1
Zinc	ppm	5	2	4	7
Phosphorus	ppm	2154	2221	1529	1521
Barium	ppm	0	0	0	0
Boron	ppm	67	71	249	250

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: WES577LAN
Unique No: 5632484
Signed: Wes Davis
Report Date: 30 Aug 2023



GRAPHS

