

LIEBHERR

CONSTRUCTION EQUIPMENT



[WEST COAST METAL] LIEBHERR R924 041508 - Right Final Dr

Sample No: LH0281013

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0281013	LH0260666	LH0238653	LH0238679
Sample Date	27 Jan 2024	19 Jul 2023	17 Nov 2022	18 Oct 2022
Machine Hours	14115	13316	12369	12262
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

West Coast Metal Recycling

5771 Production Way

Langley, BC

CA V3A 4N5

Contact: Terry .

terry@gotmetal.ca

T:

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OIL CONDITION

Visc @ 40°C	cSt	114	141	143	98.3
		●	●	●	●



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	● 1	● 2	● 1	● 1
Sodium	ppm	● <1	● 2	● 1	● 1
Potassium	ppm	● <1	● <1	● 0	● <1



WEAR METALS

Iron	ppm	● 13	● 13	● 8	● 8
Copper	ppm	● <1	● <1	● 0	● 0
Lead	ppm	● <1	● 0	● 0	● <1
Tin	ppm	● 0	● 0	● 0	● 0
Aluminum	ppm	● <1	● <1	● 0	● <1
Chromium	ppm	● <1	● <1	● 0	● <1
Molybdenum	ppm	● 0	● 0	● 0	● 0
Nickel	ppm	● <1	● 0	● <1	● <1
Titanium	ppm	● 0	● 0	● 0	● 0
Silver	ppm	● 0	● 0	● 0	● 0
Manganese	ppm	● 0	● 0	● 0	● 0
Vanadium	ppm	● 0	● 0	● 0	● 0



ADDITIVES

Calcium	ppm	● 5	● 7	● 4	● 3
Magnesium	ppm	● <1	● 2	● <1	● <1
Zinc	ppm	● 9	● 7	● 2	● 4
Phosphorus	ppm	● 1490	2081	● 2141	1492
Barium	ppm	● 0	● 0	● 0	● 0
Boron	ppm	● 226	81	● 86	250

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: 5722001

Signed: Wes Davis

Report Date: 01 Feb 2024



GRAPHS

