

LIEBHERR

CONSTRUCTION EQUIPMENT



[WEST COAST METAL] LIEBHERR R924 041508 - Splitter Box

Sample No: LH0260663

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0260663	LH0246935	LH0238675	LH0226776
Sample Date	19 Jul 2023	09 Feb 2023	18 Oct 2022	11 May 2022
Machine Hours	13316	12736	12262	11532
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	ATTENTION	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	166	152	84.1	92.7
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CONTAMINATION

Element	Unit	<1	3	2	1
Silicon	ppm	<1	3	2	1
Sodium	ppm	<1	3	2	<1
Potassium	ppm	<1	1	1	2



WEAR METALS

Element	Unit	---	0	---	---
PQ		---	0	---	---
Iron	ppm	54	94	14	10
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	1	<1	0
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	<1	0	0	0
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Element	Unit	2	8	24	4
Calcium	ppm	2	8	24	4
Magnesium	ppm	2	3	2	<1
Zinc	ppm	31	34	35	20
Phosphorus	ppm	1776	2174	1334	1463
Barium	ppm	0	0	0	0
Boron	ppm	7	49	306	232

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: 5632485

Signed: Wes Davis

Report Date: 30 Aug 2023



GRAPHS

