

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 099527-1253 - Splitter Box

Sample No: LH0250576

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0250576	LH0260640	LH0246878	LH0226774
Sample Date	13 Sep 2023	26 Apr 2023	08 Feb 2023	18 May 2022
Machine Hours	11483	10800	10338	3735
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	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	122	126	138	119
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CONTAMINATION

Silicon	ppm	2	2	2	1
Sodium	ppm	2	2	2	2
Potassium	ppm	2	<1	0	0



WEAR METALS

Iron	ppm	17	15	13	10
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	<1	0	0	0
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	31	25	19	20
Magnesium	ppm	2	<1	<1	<1
Zinc	ppm	73	56	39	30
Phosphorus	ppm	1875	1980	2136	1892
Barium	ppm	0	0	0	0
Boron	ppm	72	78	53	113

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: 5645136

Signed: Wes Davis

Report Date: 20 Sep 2023



GRAPHS

