

LIEBHERR

CONSTRUCTION EQUIPMENT



[(369353)] LIEBHERR LH30M 136880-1253 - Splitter Box

Sample No: LH0281008

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0281008	LH0242044	LH0260558	LH0234180
Sample Date	15 Mar 2024	23 Nov 2023	12 Sep 2023	27 Jul 2023
Machine Hours	5489	4745	4272	3963
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	93.3	100	108	122
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	0	1	1	1
Sodium	ppm	1	1	2	4
Potassium	ppm	<1	<1	1	2



WEAR METALS

Iron	ppm	8	12	18	37
Copper	ppm	<1	<1	1	1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	1	0	0	<1
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	<1
Manganese	ppm	0	0	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	50	14	31	73
Magnesium	ppm	36	1	4	4
Zinc	ppm	56	19	30	47
Phosphorus	ppm	1219	1246	1316	1423
Barium	ppm	0	<1	<1	0
Boron	ppm	281	284	240	161

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: 5748636

Signed: Wes Davis

Report Date: 20 Mar 2024



GRAPHS

