

LIEBHERR

CONSTRUCTION EQUIPMENT



24016 - Splitter Box

Sample No: LH0104267

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0104267	LH0216223	LH0234753	---
Sample Date	10 Oct 2023	21 Apr 2023	25 Jul 2022	---
Machine Hours	20995	20510	19901	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

American Iron and Metal

75 Steel City Court
Hamilton, ON
CA L8H 3Y2
Contact: Heavy Equipment
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OIL CONDITION

Visc @ 40°C	cSt	130	80.4	36.4	---
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CONTAMINATION

Silicon	ppm	5	4	2	---
Sodium	ppm	1	<1	1	---
Potassium	ppm	<1	<1	1	---



WEAR METALS

Iron	ppm	19	15	8	---
Copper	ppm	2	4	2	---
Lead	ppm	0	2	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	<1	<1	2	---
Molybdenum	ppm	0	<1	2	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	<1	0	0	---
Manganese	ppm	0	0	0	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	37	47	241	---
Magnesium	ppm	7	9	54	---
Zinc	ppm	138	141	481	---
Phosphorus	ppm	1924	1151	410	---
Barium	ppm	<1	0	0	---
Boron	ppm	33	242	9	---

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: AMEHAM
Unique No: 5658046
Signed: Wes Davis
Report Date: 13 Oct 2023



GRAPHS

