

LIEBHERR

CONSTRUCTION EQUIPMENT



102383 - Splitter Box

Sample No: LH0265558

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0265558	LH0186309	---	---
Sample Date	20 Sep 2023	24 Sep 2021	---	---
Machine Hours	4142	2934	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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	160	● 117	---	---
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CONTAMINATION

Silicon	ppm	● 3	● 2	---	---
Sodium	ppm	● 4	● 3	---	---
Potassium	ppm	● <1	● 1	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	● 187	387	---	---
Magnesium	ppm	● 2	● 2	---	---
Zinc	ppm	● 113	135	---	---
Phosphorus	ppm	2129	● 1271	---	---
Barium	ppm	● <1	● 1	---	---
Boron	ppm	19	50	---	---

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: 5656365
Signed: Wes Davis
Report Date: 06 Oct 2023



GRAPHS

