

LIEBHERR

CONSTRUCTION EQUIPMENT



115070 - Splitter Box

Sample No: LH0289451

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0289451	LH0251626	LH0242620	---
Sample Date	04 Apr 2024	20 Jan 2023	17 Oct 2022	---
Machine Hours	1873	836	325	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	ABNORMAL	NORMAL	NORMAL	---

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Oil Condition

Visc @ 40°C	cSt	96.5	117	194	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	0	<1	<1	---
Sodium	ppm	1	2	3	---
Potassium	ppm	<1	<1	1	---



Wear Metals

Iron	ppm	21	17	30	---
Copper	ppm	24	14	12	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	0	<1	<1	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	2	4	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	6	5	10	---
Magnesium	ppm	1	2	3	---
Zinc	ppm	35	41	88	---
Phosphorus	ppm	1165	1244	1248	---
Barium	ppm	0	0	0	---
Boron	ppm	229	123	2	---

Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Copper ppm levels are abnormal. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: LIEMIS
 Unique No: 5760869
 Signed: Kevin Marson
 Report Date: 09 Apr 2024



Graphs

