

LIEBHERR

CONSTRUCTION EQUIPMENT



[EARTH BORING] LIEBHERR LB28 115607 - Front Swing Drive

Sample No: LH0286857

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



SAMPLE INFORMATION

Sample Number	LH0286857	LH0136077	LH0136076	---
Sample Date	13 Mar 2024	08 Jun 2020	08 Jun 2020	---
Machine Hours	9668	5168	5168	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

Liebherr Canada

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 Richmond, BC
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OIL CONDITION

Visc @ 40°C	cSt	106	103	103	---
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CONTAMINATION

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

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	13	21	29	---
Copper	ppm	7	14	20	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	15	6	6	---
Magnesium	ppm	1	2	2	---
Zinc	ppm	12	10	10	---
Phosphorus	ppm	1239	1335	1310	---
Barium	ppm	0	0	<1	---
Boron	ppm	307	336	330	---

Depot: LIERIC
 Unique No: 5747224
 Signed: Wes Davis
 Report Date: 14 Mar 2024



GRAPHS

