

LIEBHERR

CONSTRUCTION EQUIPMENT



[ALLTERRA] LIEBHERR LH60M 65464 - Swing Drive

Sample No: LH0281198

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Liebherr Canada
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 Richmond, BC
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SAMPLE INFORMATION

Sample Number	LH0281198	LH0144867	LH	---
Sample Date	18 Jan 2024	31 Jul 2019	22 May 2019	---
Machine Hours	17608	15200	0	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Changed	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	96.5	133	123	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	<1	<1	---
Sodium	ppm	1	<1	1	---
Potassium	ppm	85	157	188	---



WEAR METALS

Iron	ppm	197	60	37	---
Copper	ppm	284	54	30	---
Lead	ppm	7	1	<1	---
Tin	ppm	5	<1	0	---
Aluminum	ppm	<1	0	0	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	12	19	16	---
Magnesium	ppm	1	5	4	---
Zinc	ppm	12	11	8	---
Phosphorus	ppm	1164	632	590	---
Barium	ppm	0	0	0	---
Boron	ppm	206	132	165	---

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.

Depot: LIERIC
 Unique No: 5720043
 Signed: Kevin Marson
 Report Date: 25 Jan 2024



GRAPHS

