

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 094197-1216 - Splitter Box

Sample No: LH0284136

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0284136	LH0279119	LH0279487	LH0251220
Sample Date	18 Mar 2024	05 Feb 2024	29 Dec 2023	31 May 2023
Machine Hours	25297	0	24211	22824
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

INDUSTRIES GDS INC.

207 ROUTE 295
VILLE-DEGELIS, QC
CA G5T 1R1
Contact: Martin Deschenes
mdeschenes@groupgds.com
T: (418)853-2566
F:



OIL CONDITION

Visc @ 40°C	cSt	151	143	140	138
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CONTAMINATION

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



WEAR METALS

Iron	ppm	14	9	10	8
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	74	83	77	24
Magnesium	ppm	<1	<1	<1	<1
Zinc	ppm	123	135	142	132
Phosphorus	ppm	2080	2081	2000	2298
Barium	ppm	0	0	0	0
Boron	ppm	0	<1	1	2

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: INDVIL
Unique No: 5748942
Signed: Wes Davis
Report Date: 21 Mar 2024



GRAPHS

