

LIEBHERR

CONSTRUCTION EQUIPMENT



[EARTH BORING] LIEBHERR LB28 115607 - Splitter Box

Sample No: LH0286854

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



SAMPLE INFORMATION

Sample Number	LH0286854	LH0227327	LH0230909	LH
Sample Date	13 Mar 2024	14 Dec 2022	05 Jul 2022	22 Oct 2021
Machine Hours	9668	8263	7685	6721
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Liebherr Canada
 140 - 21320 Gordon Way
 Richmond, BC
 CA V6W 1J8
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OIL CONDITION

Visc @ 40°C	cSt	89.5	92.7	93.5	90.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	1	2	1
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	<1	0	<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	11	5	4	4
Copper	ppm	7	<1	<1	<1
Lead	ppm	<1	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	15	13	12	8
Magnesium	ppm	3	<1	1	2
Zinc	ppm	31	27	20	16
Phosphorus	ppm	1171	1264	1220	1261
Barium	ppm	0	0	0	0
Boron	ppm	275	295	315	320

Depot: LIERIC
 Unique No: 5747223
 Signed: Wes Davis
 Report Date: 14 Mar 2024



GRAPHS

