

LIEBHERR

CONSTRUCTION EQUIPMENT



[(341438)] LIEBHERR LH60C T19413-1528 - Left Final Drive

Sample No: LH0286414

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0286414	LH0281014	LH0221791	LH0210570
Sample Date	16 Apr 2024	24 Jan 2024	10 Aug 2022	24 Feb 2022
Machine Hours	8962	8175	6039	4915
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

AltaSteel
 9401 34 St NW
 Edmonton, AB
 CA T6B 2X6
 Contact: Richard Bailey
 richard.bailey@altasteel.com
 T:
 F:



Oil Condition

Visc @ 40°C	cSt	100	98.7	109	192
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Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	27	22	149	17
Sodium	ppm	<1	1	5	3
Potassium	ppm	<1	1	6	1



Wear Metals

Iron	ppm	57	100	302	89
Copper	ppm	5	6	23	8
Lead	ppm	0	0	1	<1
Tin	ppm	0	0	1	<1
Aluminum	ppm	3	2	26	2
Chromium	ppm	<1	1	6	2
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	<1	<1	3	2
Titanium	ppm	<1	0	2	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	11	2
Vanadium	ppm	0	0	<1	0



Additives

Calcium	ppm	28	34	135	13
Magnesium	ppm	3	5	22	2
Zinc	ppm	13	16	10	7
Phosphorus	ppm	1267	1229	1771	2379
Barium	ppm	0	<1	<1	0
Boron	ppm	324	285	152	2

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: ALT940EDM
Unique No: 5762851
Signed: Wes Davis
Report Date: 17 Apr 2024



Graphs

