

LIEBHERR

CONSTRUCTION EQUIPMENT



[(341438)] LIEBHERR LH60C T19413-1528 - Swing Drive

Sample No: LH0286425

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0286425	LH0281030	LH0224947	LH0210569
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	NORMAL	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	102	100	129	191
-------------	-----	-----	-----	-----	-----



Contamination

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



Wear Metals

Iron	ppm	80	169	130	56
Copper	ppm	86	121	235	86
Lead	ppm	1	2	6	2
Tin	ppm	2	3	13	8
Aluminum	ppm	0	0	<1	0
Chromium	ppm	<1	1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	1	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	15	20	14	5
Magnesium	ppm	<1	2	<1	<1
Zinc	ppm	13	17	18	13
Phosphorus	ppm	1221	1163	1899	2408
Barium	ppm	0	0	0	0
Boron	ppm	319	282	124	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.

Depot: ALT940EDM
Unique No: 5762853
Signed: Wes Davis
Report Date: 17 Apr 2024



Graphs

