

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0286375

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0286375	LH0281028	LH0221792	LH0210571
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	ABNORMAL	NORMAL	NORMAL	NORMAL

AltaSteel

9401 34 St NW
Edmonton, AB
CA T6B 2X6
Contact: Richard Bailey
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T:
F:



Oil Condition

Visc @ 40°C	cSt	100	97.7	108	192
		●	●	●	●



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	● 61	● 39	● 60	● 25
Sodium	ppm	● 2	● 1	● 3	● 3
Potassium	ppm	● 3	● 2	● 2	● 1



Wear Metals

Iron	ppm	● 115	● 115	● 129	● 89
Copper	ppm	● 7	● 7	● 14	● 7
Lead	ppm	● 0	● 0	● <1	● <1
Tin	ppm	● <1	● 0	● <1	● <1
Aluminum	ppm	● 8	● 5	● 10	● 4
Chromium	ppm	● 2	● 2	● 3	● 2
Molybdenum	ppm	● 0	● 0	● 0	● <1
Nickel	ppm	● 1	● 1	● 2	● 2
Titanium	ppm	● <1	● 0	● <1	● <1
Silver	ppm	● 0	● 0	● 0	● 0
Manganese	ppm	● 3	● 1	● 4	● 2
Vanadium	ppm	● 0	● 0	● <1	● 0



Additives

Calcium	ppm	● 40	● 37	● 45	● 15
Magnesium	ppm	● 6	● 6	● 8	● 3
Zinc	ppm	● 13	● 18	● 7	● 6
Phosphorus	ppm	● 1242	● 1218	● 1740	● 2423
Barium	ppm	● <1	● <1	● <1	● 0
Boron	ppm	● 319	● 284	● 173	● 2

Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate concentration of dirt present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: ALT940EDM
Unique No: 5762852
Signed: Kevin Marson
Report Date: 17 Apr 2024



Graphs

