

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LB28 115656 - Left Final Drive

Sample No: LH0281068

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



LIEBHERR CANADA LTD.
 10374 267 ST.
 ACHESON, AB
 CA T7X 6A2
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Sample Information

Sample Number	LH0281068	LH0203776	---	---
Sample Date	21 Jun 2024	30 May 2021	---	---
Machine Hours	7386	3000	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



Oil Condition

Visc @ 40°C	cSt	90.3	98.7	---	---
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Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	3	2	---	---
Sodium	ppm	<1	<1	---	---
Potassium	ppm	<1	<1	---	---



Wear Metals

Iron	ppm	40	25	---	---
Copper	ppm	5	2	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	11	10	---	---
Magnesium	ppm	3	2	---	---
Zinc	ppm	10	9	---	---
Phosphorus	ppm	1232	1199	---	---
Barium	ppm	0	0	---	---
Boron	ppm	289	306	---	---

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: LIESPR
 Unique No: 5814338
 Signed: Wes Davis
 Report Date: 18 Jul 2024



Graphs

