

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L550 73936 - Front Differential

Sample No: LH0291065

Oil Type: {unknown}



Sample Information

Sample Number	LH0291065	---	---	---
Sample Date	10 Jun 2024	---	---	---
Machine Hours	3059	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

DOFASCO INC.

P.O. BOX 2460, 1330 BURLINGTON ST.E, HEAVY EQUIPMENT REPAIR
 HAMILTON, ON
 CA L8N 3J5
 Contact: HAROLD LOUDEN
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 T: (905)548-7200
 F: (905)548-7465



Oil Condition

Visc @ 40°C	cSt	99.2	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	<1	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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	88	---	---	---
Copper	ppm	47	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	2	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	10	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	22	---	---	---
Phosphorus	ppm	2577	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	256	---	---	---

Depot: DOFHAM
 Unique No: 5798762
 Signed: Kevin Marson
 Report Date: 12 Jun 2024



Graphs

