

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L550 73992 - Front Differential

Sample No: LH0291287

Oil Type: GEAR OIL SAE 75W90



Sample Information

Sample Number	LH0291287	---	---	---
Sample Date	10 Jun 2024	---	---	---
Machine Hours	3083	---	---	---
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
 harold.louden@arcelormittal.com
 T: (905)548-7200
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Oil Condition

Visc @ 40°C	cSt	● 100	---	---	---
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Contamination

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



Wear Metals

Iron	ppm	● 82	---	---	---
Copper	ppm	● 35	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 2	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	● 3	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	● 12	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 16	---	---	---
Phosphorus	ppm	● 2405	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 260	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm. 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: DOFHAM
 Unique No: 5798770
 Signed: Kevin Marson
 Report Date: 11 Jun 2024



Graphs

