

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R936LC 048600-1490 - Left Final Drive

Sample No: LH0288285

Oil Type: GEAR OIL SAE 75W90



Sample Information

Sample Number	LH0288285	LH0177985	LH0162704	---
Sample Date	15 Apr 2024	23 Oct 2020	11 Feb 2020	---
Machine Hours	2927	1027	501	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

COLOURED AGGREGATES INC.
 158 DON HILLOCK DRIVE,, UNIT 12-13
 AURORA, ON
 CA L4G 0H6
 Contact: Jeff Oravec
 Jeff@colouredaggregates.com
 T: (416)491-0230
 F:



Oil Condition

Visc @ 40°C	cSt	103	195	199	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	6	8	---
Sodium	ppm	2	5	7	---
Potassium	ppm	1	2	3	---



Wear Metals

Iron	ppm	55	71	83	---
Copper	ppm	0	<1	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	2	3	---
Chromium	ppm	<1	1	1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	<1	<1	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	<1	<1	---



Additives

Calcium	ppm	9	10	13	---
Magnesium	ppm	2	<1	<1	---
Zinc	ppm	16	12	9	---
Phosphorus	ppm	1366	1848	1318	---
Barium	ppm	4	11	22	---
Boron	ppm	251	5	6	---

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: COL158AUR
 Unique No: 5762845
 Signed: Wes Davis
 Report Date: 17 Apr 2024



Graphs

