

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R936LC 048600-1490 - Right Final Drive

Sample No: LH0288281

Oil Type: LIEBHERR SYNTOGEAR PLUS 75W-90



Sample Information

Sample Number	LH0288281	LH0177986	LH0162701	---
Sample Date	15 Apr 2024	27 Oct 2020	31 Jan 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	106	194	196	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	11	10	8	---
Sodium	ppm	3	4	5	---
Potassium	ppm	1	1	3	---

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.



Wear Metals

Iron	ppm	80	43	65	---
Copper	ppm	0	<1	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	3	3	3	---
Chromium	ppm	<1	<1	1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	2	<1	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	<1	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	<1	<1	---



Additives

Calcium	ppm	9	6	10	---
Magnesium	ppm	2	<1	<1	---
Zinc	ppm	15	10	10	---
Phosphorus	ppm	1482	2216	2166	---
Barium	ppm	3	4	9	---
Boron	ppm	228	3	6	---

Depot: COL158AUR
 Unique No: 5762846
 Signed: Wes Davis
 Report Date: 17 Apr 2024



Graphs

