

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R926 1715-51969 - Swing Drive

Sample No: LH0202121

Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH0202121	LH05635180	LH0202112	---
Sample Date	02 Nov 2023	05 Sep 2022	27 Oct 2021	---
Machine Hours	2002	1010	508	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	N/A	Changed	---
Sample Status	ABNORMAL	NORMAL	NORMAL	---

DIEHL AND NUEMAIER
 5466 NORWAY GROVE SCHOOL RD
 DE FOREST, WI
 US 53532
 Contact: ELLIOT DIEHL
 diehlneumaier@yahoo.com
 T: (608)846-4824
 F: (608)846-2077



OIL CONDITION

Visc @ 40°C	cSt	187	180	198	---
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CONTAMINATION

Water	%	0.526	---	---	---
Silicon	ppm	4	<1	1	---
Sodium	ppm	<1	1	4	---
Potassium	ppm	<1	0	2	---



WEAR METALS

Iron	ppm	520	26	80	---
Copper	ppm	<1	<1	4	---
Lead	ppm	0	0	1	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	<1	<1	0	---
Chromium	ppm	6	<1	2	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	3	<1	1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	17	36	62	---
Magnesium	ppm	3	2	1	---
Zinc	ppm	9	13	13	---
Phosphorus	ppm	1971	2062	1516	---
Barium	ppm	0	<1	11	---
Boron	ppm	0	7	23	---

Diagnosis

We advise that you check for the source of water entry. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: DIEDEF
 Unique No: 10737578
 Signed: Don Baldrige
 Report Date: 13 Nov 2023



GRAPHS

