

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R926 1715-51969 - Right Final Drive

Sample No: LH0202118

Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH0202118	LH05635181	LH0202109	---
Sample Date	02 Nov 2023	05 Sep 2022	27 Oct 2021	---
Machine Hours	2002	1010	508	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	Not Changd	Changed	---
Sample Status	SEVERE	NORMAL	NORMAL	---

DIEHL AND NUEMAIER

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OIL CONDITION

Visc @ 40°C	cSt	208	180	200	---
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CONTAMINATION

Silicon	ppm	740	<1	2	---
Sodium	ppm	21	3	7	---
Potassium	ppm	44	0	4	---



WEAR METALS

Iron	ppm	1473	31	64	---
Copper	ppm	3	<1	<1	---
Lead	ppm	4	0	0	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	96	<1	<1	---
Chromium	ppm	19	<1	1	---
Molybdenum	ppm	<1	<1	0	---
Nickel	ppm	8	<1	<1	---
Titanium	ppm	7	<1	<1	---
Silver	ppm	0	<1	0	---
Manganese	ppm	17	<1	<1	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	782	28	13	---
Magnesium	ppm	384	<1	1	---
Zinc	ppm	28	14	15	---
Phosphorus	ppm	2049	1958	1232	---
Barium	ppm	5	3	16	---
Boron	ppm	0	6	27	---

Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.

Depot: DIEDEF
Unique No: 10737577
Signed: Don Baldrige
Report Date: 13 Nov 2023



GRAPHS

