

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R936 048753-1780 - Splitter Box

Sample No: LH0220966

Oil Type: LIEBHERR GEAR BASIC 90 LS



LIEBHERR EQUIPMENT SOURCE
 4100 CHESTNUT AVENUE
 NEWPORT NEWS, VA
 US 23607
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Sample Information

Sample Number	LH0220966	LH0173884	---	---
Sample Date	18 Apr 2024	01 Jul 2021	---	---
Machine Hours	1977	844	---	---
Oil Hours	0	844	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



Oil Condition

Visc @ 40°C	cSt	136	194	---	---
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Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	5	2	---	---
Sodium	ppm	2	4	---	---
Potassium	ppm	0	6	---	---



Wear Metals

Iron	ppm	141	105	---	---
Copper	ppm	5	2	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	1	0	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	4	6	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	344	16	---	---
Magnesium	ppm	4	3	---	---
Zinc	ppm	209	59	---	---
Phosphorus	ppm	1998	1465	---	---
Barium	ppm	0	1	---	---
Boron	ppm	<1	9	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: LIEBHERRUS
 Unique No: 11004480
 Signed: Don Baldrige
 Report Date: 01 May 2024



Graphs

