

LIEBHERR

CONSTRUCTION EQUIPMENT



[(360378)] LIEBHERR A918 134117-1508 - Swing Drive

Sample No: LH0216262

Oil Type: LIEBHERR GEAR BASIC 90 LS



FAUBERT PRECISION CONTRACTING
 1394 194 STREET
 SURREY, BC
 CA V3Z 9R9
 Contact: Service Manager



SAMPLE INFORMATION

Sample Number	LH0216262	LH0216249	---	---
Sample Date	06 Jan 2024	18 Nov 2022	---	---
Machine Hours	2036	1007	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	176	114	---	---
-------------	-----	-----	-----	-----	-----

T:
F:



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	2	---	---
Sodium	ppm	2	3	---	---
Potassium	ppm	1	<1	---	---

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	217	52	---	---
Copper	ppm	27	32	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	9	33	---	---
Magnesium	ppm	<1	1	---	---
Zinc	ppm	13	16	---	---
Phosphorus	ppm	2224	1593	---	---
Barium	ppm	<1	2	---	---
Boron	ppm	22	245	---	---

Depot: FAUSUR
 Unique No: 5711132
 Signed: Wes Davis
 Report Date: 19 Jan 2024



GRAPHS

