

LIEBHERR

CONSTRUCTION EQUIPMENT



[HAMMERSTONE] 16012 - Left Final Drive

Sample No: LH0265045

Oil Type: GEAR OIL SAE 75W90



Liebherr-Canada Ltd.

Fort McKay Industrial Park, Lot No. 12 and 13

Fort McMurray, AB

CA T9H 5N3

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SAMPLE INFORMATION

Sample Number	LH0265045	LH0265043	---	---
Sample Date	11 Jul 2023	11 Jul 2023	---	---
Machine Hours	14669	14669	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	92.5	30.4	---	---
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CONTAMINATION

Silicon	ppm	3	7	---	---
Sodium	ppm	1	7	---	---
Potassium	ppm	<1	2	---	---



WEAR METALS

Iron	ppm	34	6	---	---
Copper	ppm	<1	4	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	14	2877	---	---
Magnesium	ppm	1	12	---	---
Zinc	ppm	10	1150	---	---
Phosphorus	ppm	1307	1046	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	304	2	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm. 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.

Depot: LIEFTM

Unique No: 5607490

Signed: Kevin Marson

Report Date: 19 Jul 2023



GRAPHS

