

LIEBHERR

CONSTRUCTION EQUIPMENT



[HAMMERSTONE] 16012 - Splitter Box

Sample No: LH0265047

Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH0265047	---	---	---
Sample Date	11 Jul 2023	---	---	---
Machine Hours	14669	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

Liebherr-Canada Ltd.

Fort McKay Industrial Park, Lot No. 12 and 13
 Fort McMurray, AB
 CA T9H 5N3
 Contact: Corey Ekroth
 corey.ekroth@liebherr.com
 T: (780)791-2967
 F:



OIL CONDITION

Visc @ 40°C	cSt	75.0	---	---	---
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CONTAMINATION

Silicon	ppm	22	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	3	---	---	---



WEAR METALS

Iron	ppm	23	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	587	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	246	---	---	---
Phosphorus	ppm	1247	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	243	---	---	---

Diagnosis

Check seals and/or filters for points of contaminant entry. We advise that you check for the source of water entry. 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. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a moderate concentration of water present in the oil. Free water present. The oil is no longer serviceable due to the presence of contaminants.

Depot: LIEFTM
 Unique No: 5607491
 Signed: Kevin Marson
 Report Date: 19 Jul 2023



GRAPHS

