

LIEBHERR

CONSTRUCTION EQUIPMENT



[HAMMERSTONE] 16012 - Left Final Drive

Sample No: LH0265043

Oil Type: TDTO FLUID SAE 10W



SAMPLE INFORMATION

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

Liebherr-Canada Ltd.

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 Fort McMurray, AB
 CA T9H 5N3
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 T: (780)791-2967
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OIL CONDITION

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

Silicon	ppm	7	---	---	---
Sodium	ppm	7	---	---	---
Potassium	ppm	2	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	2877	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	1150	---	---	---
Phosphorus	ppm	1046	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	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) TDTO FLUID SAE 10W. 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: 5607445
 Signed: Kevin Marson
 Report Date: 19 Jul 2023



GRAPHS

