

LIEBHERR

CONSTRUCTION EQUIPMENT



40133 - Splitter Box

Sample No: LH0265036

Oil Type: MOBIL DTE 10 EXCEL 46



SAMPLE INFORMATION

Sample Number	LH0265036	---	---	---
Sample Date	20 Nov 2023	---	---	---
Machine Hours	0	---	---	---
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: Evan Moores
evan.moores@liebherr.com

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F:



OIL CONDITION

Visc @ 40°C	cSt	98.5	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	1	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	46	---	---	---
Magnesium	ppm	906	---	---	---
Zinc	ppm	26	---	---	---
Phosphorus	ppm	1495	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	484	---	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 75W90 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the oil is acceptable for the time in service.

Depot: LIEFTM
Unique No: 5683625
Signed: Kevin Marson
Report Date: 24 Nov 2023



GRAPHS

