

LIEBHERR

CONSTRUCTION EQUIPMENT



72367 - Diesel Engine

Sample No: LH0250445

Oil Type: SAE 5W30



SAMPLE INFORMATION

Sample Number	LH0250445	---	---	---
Sample Date	28 Jun 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR CANADA LTD.

10374 267 ST.

ACHESON, AB

CA T7X 6A2

Contact: Dustin Fluet

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OIL CONDITION

Visc @ 100°C	cSt	10.9	---	---	---
Oxidation (PA)	%	64	---	---	---



CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	71	---	---	---
Sulfation (PA)	%	54	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	7	---	---	---
Sodium	ppm	8	---	---	---
Potassium	ppm	3	---	---	---



WEAR METALS

Iron	ppm	8	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	12	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1357	---	---	---
Magnesium	ppm	619	---	---	---
Zinc	ppm	813	---	---	---
Phosphorus	ppm	755	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	128	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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: LIESPR

Unique No: 5604514

Signed: Kevin Marson

Report Date: 30 Jun 2023



GRAPHS

