

LIEBHERR

CONSTRUCTION EQUIPMENT



[LIEBHERR RENTAL UNIT] 115454 - Diesel Engine

Sample No: LH0250373

Oil Type: PETRO CANADA DURON UHP 5W30



SAMPLE INFORMATION

Sample Number	LH0250373	---	---	---
Sample Date	04 Oct 2023	---	---	---
Machine Hours	3030	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
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	● 11.3	---	---	---
Oxidation (PA)	%	68	---	---	---



CONTAMINATION

Soot %	%	● 0	---	---	---
Nitration (PA)	%	63	---	---	---
Sulfation (PA)	%	54	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	● 5	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. 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.



WEAR METALS

Iron	ppm	● 3	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● 58	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	● <1	---	---	---
Manganese	ppm	● 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 847	---	---	---
Magnesium	ppm	● 1089	---	---	---
Zinc	ppm	● 1197	---	---	---
Phosphorus	ppm	● 1010	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 38	---	---	---

Depot: LIESPR

Unique No: 5659605

Signed: Wes Davis

Report Date: 20 Oct 2023



GRAPHS

