

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L526 51804 - Diesel Engine

Sample No: LH0225022

Oil Type: {unknown}



Sample Information

Sample Number	LH0225022	---	---	---
Sample Date	26 Jan 2024	---	---	---
Machine Hours	2483	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

SHAMROCK EARTHWORKS LTD
 351 EVERSIDE WAY SW
 CALGARY, AB
 CA T2Y 4R2
 Contact: Service Manager



Oil Condition

Visc @ 100°C	cSt	8.3	---	---	---
Oxidation (PA)	%	62	---	---	---

T:
F:



Contamination

Water	%	NEG	---	---	---
Soot %	%	0.1	---	---	---
Nitration (PA)	%	63	---	---	---
Sulfation (PA)	%	57	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	3	---	---	---

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.



Wear Metals

Iron	ppm	47	---	---	---
Copper	ppm	11	---	---	---
Lead	ppm	3	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	6	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	11	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	1093	---	---	---
Magnesium	ppm	60	---	---	---
Zinc	ppm	749	---	---	---
Phosphorus	ppm	659	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	32	---	---	---

Depot: SHA351CAL
Unique No: 5722443
Signed: Bill Quesnel
Report Date: 05 Feb 2024



Graphs

