

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH22 157673-1525 - Diesel Engine

Sample No: LH0288024

Oil Type: PETRO CANADA 10W40



ECOWASTE INDUSTRIES LTD.
 15111 WILLIAMS ROAD
 RICHMOND, BC
 CA V6W 1G9
 Contact: Service Manager

T: (604)277-1410
 F:

Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



Sample Information

Sample Number	LH0288024	---	---	---
Sample Date	02 May 2024	---	---	---
Machine Hours	515	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



Oil Condition

Visc @ 100°C	cSt	11.8	---	---	---
Oxidation (PA)	%	174	---	---	---



Contamination

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	83	---	---	---
Sulfation (PA)	%	101	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	47	---	---	---
Sodium	ppm	5	---	---	---
Potassium	ppm	<1	---	---	---



Wear Metals

Iron	ppm	25	---	---	---
Copper	ppm	39	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	6	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	45	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	9	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	1781	---	---	---
Magnesium	ppm	772	---	---	---
Zinc	ppm	887	---	---	---
Phosphorus	ppm	743	---	---	---
Barium	ppm	9	---	---	---
Boron	ppm	93	---	---	---

Depot: ECORIC
Unique No: 5775625
Signed: Kevin Marson
Report Date: 10 May 2024



Graphs

