

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R945 055572-1866 - Diesel Engine

Sample No: LH0281032

Oil Type: PETRO CANADA 10W40



Amix Recycling
11698 140 Street
Surrey, BC
CA V3R 2V4
Contact: Service Manager

T:
F: (250)802-1002

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.



SAMPLE INFORMATION

Sample Number	LH0281032	LH0250467	---	---
Sample Date	21 Mar 2024	06 Apr 2023	---	---
Machine Hours	1586	562	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 100°C	cSt	13.1	12.4	---	---
Oxidation (PA)	%	69	180	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	0	0	---	---
Nitration (PA)	%	72	96	---	---
Sulfation (PA)	%	54	99	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	6	9	---	---
Sodium	ppm	1	3	---	---
Potassium	ppm	<1	1	---	---



WEAR METALS

Iron	ppm	5	14	---	---
Copper	ppm	8	227	---	---
Lead	ppm	<1	9	---	---
Tin	ppm	0	2	---	---
Aluminum	ppm	1	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	56	49	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1095	1330	---	---
Magnesium	ppm	972	931	---	---
Zinc	ppm	1214	950	---	---
Phosphorus	ppm	991	838	---	---
Barium	ppm	<1	21	---	---
Boron	ppm	1	47	---	---

Depot: AMI116SUR
Unique No: 5750024
Signed: Wes Davis
Report Date: 27 Mar 2024



GRAPHS

