

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 070558-1762 - Diesel Engine

Sample No: LH0275612

Oil Type: LIEBHERR 15W40



SAMPLE INFORMATION

Sample Number	LH0275612	---	---	---
Sample Date	29 Nov 2023	---	---	---
Machine Hours	500	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

HUBERT ET FILS INC
 1012 CHEMIN DE PARC INDUSTRIEL
 BOIS-FRANC, QC
 CA J9E 3A9
 Contact: Service Manager



OIL CONDITION

Visc @ 100°C	cSt	● 12.1	---	---	---
Oxidation (PA)	%	212	---	---	---

T:
F:



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	● 0	---	---	---
Nitration (PA)	%	103	---	---	---
Sulfation (PA)	%	112	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	● 0.6	---	---	---
Silicon	ppm	● 11	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 2	---	---	---

Diagnosis
 No corrective action is recommended at this time. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. Fuel content negligible. 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	● 14	---	---	---
Copper	ppm	● 205	---	---	---
Lead	ppm	● 10	---	---	---
Tin	ppm	● 1	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 47	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 1434	---	---	---
Magnesium	ppm	● 903	---	---	---
Zinc	ppm	● 828	---	---	---
Phosphorus	ppm	● 685	---	---	---
Barium	ppm	● 24	---	---	---
Boron	ppm	● 82	---	---	---

Depot: HUB101BOI
Unique No: 5710056
Signed: Kevin Marson
Report Date: 17 Jan 2024



GRAPHS

