

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 70558 - Diesel Engine

Sample No: LH0218129

Oil Type: SHELL ROTELLA T6 5W40



SAMPLE INFORMATION

Sample Number	LH0218129	---	---	---
Sample Date	12 Mar 2024	---	---	---
Machine Hours	1460	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

HUBERT & FILS

474 ROUTE 105
BOIS-FRANC, QC
CA J9E 3A9

Contact: Eric Brisebois
ericbrisebois99@gmail.com

T:
F:



OIL CONDITION

Visc @ 100°C	cSt	13.6	---	---	---
Oxidation (PA)	%	87	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	70	---	---	---
Sulfation (PA)	%	66	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	5	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	2	---	---	---

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	6	---	---	---
Copper	ppm	31	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	7	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1978	---	---	---
Magnesium	ppm	166	---	---	---
Zinc	ppm	1065	---	---	---
Phosphorus	ppm	869	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	108	---	---	---

Depot: HUBBOI
Unique No: 5750297
Signed: Wes Davis
Report Date: 28 Mar 2024



GRAPHS

