

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 066510-1760 - Diesel Engine

Sample No: LH06000219

Oil Type: LIEBHERR MOTOROIL 5W30



SAMPLE INFORMATION

Sample Number	LH06000219	---	---	---
Sample Date	24 Oct 2023	---	---	---
Machine Hours	6381	---	---	---
Oil Hours	553	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

RECO EQUIPMENT INC.

1615 JP HENESSY DRIVE
LAVERGNE, TN
US 37086

Contact: DAVID CHALFANT

dchalfant@recoequip.com

T: (615)610-7326

F: x:



OIL CONDITION

Visc @ 100°C	cSt	11.9	---	---	---
Base Number (BN)	mg KOH/g	14.0	---	---	---
Oxidation (PA)	%	49	---	---	---

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



CONTAMINATION

Soot %	%	0.1	---	---	---
Nitration (PA)	%	99	---	---	---
Sulfation (PA)	%	45	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	12	---	---	---
Sodium	ppm	0	---	---	---
Potassium	ppm	3	---	---	---



WEAR METALS

Iron	ppm	8	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	7	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	4014	---	---	---
Magnesium	ppm	105	---	---	---
Zinc	ppm	1167	---	---	---
Phosphorus	ppm	1064	---	---	---
Barium	ppm	5	---	---	---
Boron	ppm	226	---	---	---

Depot: RECLAV

Unique No: 10728579

Signed: Wes Davis

Report Date: 07 Nov 2023



GRAPHS

