

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 066100-1758 - Diesel Engine

Sample No: LH
 Oil Type: DIESEL ENGINE OIL SAE 10W30



Sample Information

Sample Number	LH	---	---	---
Sample Date	04 Apr 2024	---	---	---
Machine Hours	4020	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

LAVINGTON PELLET LTD
 9900 SCHOOL ROAD
 COLDSTREAM, BC
 CA V1B 3C7
 Contact: Service Manager



Oil Condition

Visc @ 100°C	cSt	11.7	---	---	---
Oxidation (PA)	%	98	---	---	---

T:
 F:



Contamination

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	88	---	---	---
Sulfation (PA)	%	65	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	8	---	---	---
Sodium	ppm	4	---	---	---
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	9	---	---	---
Copper	ppm	5	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	63	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	872	---	---	---
Magnesium	ppm	1126	---	---	---
Zinc	ppm	1221	---	---	---
Phosphorus	ppm	991	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	22	---	---	---

Depot: LAVCOL
 Unique No: 5761575
 Signed: Kevin Marson
 Report Date: 15 Apr 2024



Graphs

