

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 048507-1334 - Splitter Box

Sample No: LH
 Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	20 Dec 2023	---	---	---
Machine Hours	24016	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

AGREGAT RN
 100 AVE MARCEL BARIL
 ROUYN-NORANDA, QC
 CA J9X 7B8
 Contact: Marcel Coulombe



OIL CONDITION

Visc @ 40°C	cSt	55.3	---	---	---
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T: (819)764-2473
 F:



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	56	---	---	---
Sodium	ppm	10	---	---	---
Potassium	ppm	2	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. Chromium and iron ppm levels are severe. Nickel ppm levels are abnormal. Aluminum ppm levels are noted. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. High amount of ingressed dirt has caused abrasive wear to the component. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



WEAR METALS

PQ		2	---	---	---
Iron	ppm	1631	---	---	---
Copper	ppm	19	---	---	---
Lead	ppm	3	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	16	---	---	---
Chromium	ppm	34	---	---	---
Molybdenum	ppm	3	---	---	---
Nickel	ppm	9	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	14	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	920	---	---	---
Magnesium	ppm	9	---	---	---
Zinc	ppm	1001	---	---	---
Phosphorus	ppm	1243	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	14	---	---	---

Depot: AGRROU
 Unique No: 5698175
 Signed: Kevin Marson
 Report Date: 27 Dec 2023



GRAPHS

