

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 72244 - Splitter Box

Sample No: LH0257071

Oil Type: Splitter Box Oil



SAMPLE INFORMATION

Sample Number	LH0257071	---	---	---
Sample Date	14 Apr 2023	---	---	---
Machine Hours	1118	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

DOFASCO INC.

P.O. BOX 2460, 1330 BURLINGTON ST.E, HEAVY EQUIPMENT REPAIR
 HAMILTON, ON
 CA L8N 3J5
 Contact: HAROLD LOUDEN
 harold.louden@arcelormittal.com
 T: (905)548-7200
 F: (905)548-7465



OIL CONDITION

Visc @ 40°C	cSt	● 188	---	---	---
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CONTAMINATION

Silicon	ppm	● 1	---	---	---
Sodium	ppm	● 6	---	---	---
Potassium	ppm	● 5	---	---	---



WEAR METALS

Iron	ppm	● 159	---	---	---
Copper	ppm	● 2	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 1	---	---	---
Molybdenum	ppm	● 4	---	---	---
Nickel	ppm	● 13	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	26	---	---	---
Magnesium	ppm	● 10	---	---	---
Zinc	ppm	● 138	---	---	---
Phosphorus	ppm	2290	---	---	---
Barium	ppm	26	---	---	---
Boron	ppm	4	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 80W90 Gear Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. Nickel ppm levels are severe. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: DOFHAM
 Unique No: 5565414
 Signed: Kevin Marson
 Report Date: 19 Apr 2023



GRAPHS

