

LIEBHERR

CONSTRUCTION EQUIPMENT



054664-1650 - Splitter Box

Sample No: LH0285102

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0285102	LH	LH0239331	---
Sample Date	29 Jan 2024	28 Mar 2023	28 Sep 2022	---
Machine Hours	2022	1010	305	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

Delsan - American Iron and Metal
 2187 Montee Masson
 Laval, QC
 CA H7B 0A6
 Contact: MANNY MARQUES
 mmarques@delsan-aim.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	115	178	176	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	11	18	2	---
Sodium	ppm	2	2	4	---
Potassium	ppm	2	<1	2	---



WEAR METALS

Iron	ppm	35	26	31	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	4	<1	1	---
Chromium	ppm	<1	0	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	<1	<1	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	25	6	13	---
Magnesium	ppm	4	2	3	---
Zinc	ppm	18	15	22	---
Phosphorus	ppm	1347	2138	1856	---
Barium	ppm	<1	0	<1	---
Boron	ppm	195	2	12	---

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.

Depot: DEL782MON
 Unique No: 5721328
 Signed: Wes Davis
 Report Date: 30 Jan 2024



GRAPHS

