

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 045906-1484 - Splitter Box

Sample No: LH0287994

Oil Type: LIEBHERR GEAR BASIC 90 LS



Sample Information

Sample Number	LH0287994	LH0250541	LH0238602	LH0246906
Sample Date	26 Mar 2024	12 Sep 2023	01 Mar 2023	22 Dec 2022
Machine Hours	15268	14240	13207	12792
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ECOWASTE INDUSTRIES LTD.
 15111 WILLIAMS ROAD
 RICHMOND, BC
 CA V6W 1G9
 Contact: Service Manager



Oil Condition

Visc @ 40°C	cSt	178	176	178	169
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T: (604)277-1410
 F:



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	0	<1	<1	<1
Sodium	ppm	3	1	2	1
Potassium	ppm	<1	1	0	0

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	15	12	8	10
Copper	ppm	<1	<1	2	<1
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	14	7	8	9
Magnesium	ppm	<1	1	<1	1
Zinc	ppm	26	46	56	224
Phosphorus	ppm	2209	2305	2520	2329
Barium	ppm	0	0	0	0
Boron	ppm	2	2	2	7

Depot: ECORIC
 Unique No: 5759857
 Signed: Wes Davis
 Report Date: 04 Apr 2024



Graphs

