

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 112545-1253 - Splitter Box

Sample No: LH0270117

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0270117	LH0261586	LH0256981	LH0247424
Sample Date	27 Sep 2023	08 May 2023	10 Mar 2023	13 Dec 2022
Machine Hours	1297	11758	11210	10423
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

GREEN METALS CANADA

224 BEARDS LANE
WOODSTOCK, ON
CA N4S 7W3

Contact: Jamie Depotie

jdepotie@gmcan.ca

T: (519)539-1313

F: (519)539-5130



OIL CONDITION

Visc @ 40°C	cSt	85.5	70.8	74.0	79.0
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CONTAMINATION

Element	Unit	LH0270117	LH0261586	LH0256981	LH0247424
Silicon	ppm	1	1	1	1
Sodium	ppm	1	3	1	1
Potassium	ppm	0	<1	<1	<1



WEAR METALS

Element	Unit	LH0270117	LH0261586	LH0256981	LH0247424
Iron	ppm	9	13	12	10
Copper	ppm	1	2	2	2
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	<1	0	0
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Element	Unit	LH0270117	LH0261586	LH0256981	LH0247424
Calcium	ppm	54	145	137	118
Magnesium	ppm	2	2	2	2
Zinc	ppm	115	259	231	171
Phosphorus	ppm	1197	1143	1223	1238
Barium	ppm	<1	0	0	0
Boron	ppm	269	181	195	228

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. Viscosity of sample indicates oil is within SAE 80 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: GRE224WOO

Unique No: 5654975

Signed: Kevin Marson

Report Date: 28 Sep 2023



GRAPHS

