

LIEBHERR

CONSTRUCTION EQUIPMENT



[[601598-10240867]] LIEBHERR LH30M 112545-1253 - Splitte

Sample No: LH0274830

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0274830	LH	LH0270117	LH0261586
Sample Date	04 Mar 2024	07 Dec 2023	27 Sep 2023	08 May 2023
Machine Hours	0	13530	1297	11758
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

GREEN METALS CANADA

224 BEARDS LANE
WOODSTOCK, ON
CA N4S 7W3

Contact: Jamie Depotie
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OIL CONDITION

Visc @ 40°C	cSt	84.1	86.0	85.5	70.8
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CONTAMINATION

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



WEAR METALS

Iron	ppm	● 7	● 10	● 9	● 13
Copper	ppm	● <1	● 2	● 1	● 2
Lead	ppm	● 0	● <1	● <1	● <1
Tin	ppm	● 0	● 0	● 0	● <1
Aluminum	ppm	● <1	● <1	● 0	● 0
Chromium	ppm	● 0	● 0	● 0	● 0
Molybdenum	ppm	● 0	● 0	● 0	● 0
Nickel	ppm	● <1	● <1	● 0	● 0
Titanium	ppm	● 0	● 0	● 0	● 0
Silver	ppm	● 0	● <1	● <1	● 0
Manganese	ppm	● 0	● 0	● 0	● <1
Vanadium	ppm	● 0	● 0	● 0	● 0



ADDITIVES

Calcium	ppm	● 55	● 45	● 54	● 145
Magnesium	ppm	● 2	● 1	● 2	● 2
Zinc	ppm	● 131	● 104	● 115	259
Phosphorus	ppm	● 1178	● 1148	● 1197	● 1143
Barium	ppm	● 0	● <1	● <1	● 0
Boron	ppm	● 260	● 283	● 269	● 181

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: GRE224WOO
Unique No: 5737758
Signed: Wes Davis
Report Date: 07 Mar 2024



GRAPHS

