

LIEBHERR

CONSTRUCTION EQUIPMENT



[[20230600]] LIEBHERR LH30M 135986 - Splitter Box

Sample No: LH0278481

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0278481	LH	LH0250093	LH
Sample Date	22 Dec 2023	04 Oct 2023	26 Jun 2023	23 Mar 2023
Machine Hours	3966	0	0	2500
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Industrial Metals

550 Messier St.
Winnipeg, MB
CA R2J 0G5
Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	177	174	167	149
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	5	4	4
Sodium	ppm	2	2	3	3
Potassium	ppm	0	<1	<1	<1

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	8	13	13	12
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	1	1	<1	1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	38	59	51	47
Magnesium	ppm	2	3	5	3
Zinc	ppm	24	37	33	26
Phosphorus	ppm	2237	2196	2240	2184
Barium	ppm	0	<1	0	0
Boron	ppm	5	13	30	70

Depot: IND550WIN
Unique No: 5707702
Signed: Wes Davis
Report Date: 04 Jan 2024



GRAPHS

