

LIEBHERR

CONSTRUCTION EQUIPMENT



[(343446)] LIEBHERR LH60M 124381-1217 - Splitter Box

Sample No: LH0285013

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0285013	LH0265841	LH0261591	LH0256688
Sample Date	12 Feb 2024	26 Jun 2023	03 May 2023	02 Apr 2023
Machine Hours	12500	10141	9520	9107
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RAM IRON AND METAL

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OIL CONDITION

Visc @ 40°C	cSt	75.5	76.3	82.6	77.0



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	1	1	<1
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	<1	0	0	<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	12	19	16	20
Copper	ppm	<1	1	1	1
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	0	0
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	30	61	51	67
Magnesium	ppm	2	2	2	2
Zinc	ppm	111	112	88	109
Phosphorus	ppm	1016	1106	1204	1121
Barium	ppm	0	0	0	0
Boron	ppm	212	241	257	243

Depot: RAMTOR
Unique No: 5724544
Signed: Wes Davis
Report Date: 14 Feb 2024



GRAPHS

