

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0289700

Oil Type: GEAR OIL SAE 75W90



Sample Information

Sample Number	LH0289700	LH0285013	LH0265841	LH0261591
Sample Date	16 Apr 2024	12 Feb 2024	26 Jun 2023	03 May 2023
Machine Hours	13245	12500	10141	9520
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	74.2	75.5	76.3	82.6
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Contamination

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



Wear Metals

Iron	ppm	10	12	19	16
Copper	ppm	<1	<1	1	1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	0	0	<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	0	<1	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	28	30	61	51
Magnesium	ppm	2	2	2	2
Zinc	ppm	109	111	112	88
Phosphorus	ppm	1015	1016	1106	1204
Barium	ppm	0	0	0	0
Boron	ppm	228	212	241	257

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: RAMTOR
Unique No: 5762927
Signed: Wes Davis
Report Date: 17 Apr 2024



Graphs

