

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50 137429 - Splitter Box

Sample No: LH0286798

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0286798	LH0284883	LH0281411	LH0274500
Sample Date	01 Apr 2024	01 Feb 2024	07 Dec 2023	20 Aug 2023
Machine Hours	8697	8133	7579	6359
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

CMI - COMBINED METAL INDUSTRIES
 505 GARY RAY DRIVE
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 CA M9L 1P9
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OIL CONDITION

Visc @ 40°C	cSt	85.0	85.4	85.4	88.9



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	1	2	2
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	<1	<1	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	11	9	8	14
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	2
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	32	31	31	30
Magnesium	ppm	2	2	1	2
Zinc	ppm	113	103	93	48
Phosphorus	ppm	1135	1195	1136	1350
Barium	ppm	0	0	<1	0
Boron	ppm	262	277	284	308

Depot: COMWES
 Unique No: 5759300
 Signed: Wes Davis
 Report Date: 02 Apr 2024



GRAPHS

