

LIEBHERR

CONSTRUCTION EQUIPMENT



[(377329)] LIEBHERR LH26M 138624-1252 - Diesel Engine

Sample No: LH0269688

Oil Type: PETRO CANADA 10W40



EVERCLEAR METAL RECYCLING
7136 DURIEU ST.
MISSION, BC
CA V2V 2Y4
Contact: Service Manager



Sample Information

Sample Number	LH0269688	LH0232718	LH0232710	LH0250564
Sample Date	08 Jun 2024	09 Mar 2024	26 Nov 2023	23 Sep 2023
Machine Hours	4000	3503	2949	2578
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



Oil Condition

Visc @ 100°C	cSt	13.5	13.6	13.7	13.9
Oxidation (PA)	%	59	58	57	55

T:
F:



Contamination

Water	%	NEG	NEG	NEG	NEG
Soot %	%	0	0	0	0
Nitration (PA)	%	53	53	50	44
Sulfation (PA)	%	52	52	51	51
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	11	27	14	18
Sodium	ppm	1	1	2	2
Potassium	ppm	0	1	0	0

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	13	10	8
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	60	60	59	58
Nickel	ppm	0	<1	<1	0
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	1103	1100	1093	1130
Magnesium	ppm	990	980	966	953
Zinc	ppm	1187	1191	1201	1209
Phosphorus	ppm	1001	1017	1001	1020
Barium	ppm	0	0	<1	<1
Boron	ppm	2	<1	2	2

Depot: EVEMIS
Unique No: 5798873
Signed: Wes Davis
Report Date: 12 Jun 2024



Graphs

