

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH26M 124532-1252 - Diesel Engine

Sample No: LH0281098

Oil Type: PETRO CANADA 10W40



Amix Recycling
11698 140 Street
Surrey, BC
CA V3R 2V4
Contact: Service Manager

T:
F: (250)802-1002

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.



SAMPLE INFORMATION

Sample Number	LH0281098	LH0181017	LH0226605	LH0181004
Sample Date	08 Jan 2024	02 Sep 2023	09 Jun 2023	10 Jan 2023
Machine Hours	4614	4078	3671	3035
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 100°C	cSt	14.3	14.8	14.9	14.3
Oxidation (PA)	%	76	78	79	78



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Soot %	%	0	0	0	0
Nitration (PA)	%	82	79	88	78
Sulfation (PA)	%	60	60	65	63
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	4	8	16	7
Sodium	ppm	2	2	7	2
Potassium	ppm	<1	1	<1	<1



WEAR METALS

Iron	ppm	11	12	16	12
Copper	ppm	1	2	2	3
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	1	1	2
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	42	64	60	63
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1243	1108	1172	1196
Magnesium	ppm	893	1068	1094	1052
Zinc	ppm	1297	1301	1367	1294
Phosphorus	ppm	1059	1135	1175	1148
Barium	ppm	0	0	0	0
Boron	ppm	2	<1	1	1

Depot: AMI116SUR
Unique No: 5708861
Signed: Kevin Marson
Report Date: 10 Jan 2024



GRAPHS

