

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH26M 124532-1252 - Diesel Engine

Sample No: LH0288069

Oil Type: PETRO CANADA 10W40



Sample Information

Sample Number	LH0288069	LH0281098	LH0181017	LH0226605
Sample Date	22 Apr 2024	08 Jan 2024	02 Sep 2023	09 Jun 2023
Machine Hours	5135	4614	4078	3671
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Amix Recycling
 11698 140 Street
 Surrey, BC
 CA V3R 2V4
 Contact: Kenji Wong
 kwong@amixgroup.ca
 T:
 F: (250)802-1002



Oil Condition

Visc @ 100°C	cSt	14.9	14.3	14.8	14.9
Oxidation (PA)	%	80	76	78	79



Contamination

Water	%	NEG	NEG	NEG	NEG
Soot %	%	0	0	0	0
Nitration (PA)	%	83	82	79	88
Sulfation (PA)	%	61	60	60	65
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	5	4	8	16
Sodium	ppm	2	2	2	7
Potassium	ppm	<1	<1	1	<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	14	11	12	16
Copper	ppm	1	1	2	2
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	2	1	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	57	42	64	60
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	1168	1243	1108	1172
Magnesium	ppm	1067	893	1068	1094
Zinc	ppm	1312	1297	1301	1367
Phosphorus	ppm	1076	1059	1135	1175
Barium	ppm	0	0	0	0
Boron	ppm	2	2	<1	1

Depot: AMI116SUR
Unique No: 5773836
Signed: Wes Davis
Report Date: 02 May 2024



Graphs

