

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0232718

Oil Type: PETRO CANADA 10W40



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



SAMPLE INFORMATION

Sample Number	LH0232718	LH0232710	LH0250564	LH0260429
Sample Date	09 Mar 2024	26 Nov 2023	23 Sep 2023	15 Aug 2023
Machine Hours	3503	2949	2578	2334
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	---	---	---	85.3
Visc @ 100°C	cSt	13.6	13.7	13.9	12.7
Viscosity Index (VI)	Scale	---	---	---	146
Oxidation (PA)	%	58	57	55	61

T:
F:

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.



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Soot %	%	0	0	0	0
Nitration (PA)	%	53	50	44	58
Sulfation (PA)	%	52	51	51	58
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	27	14	18	10
Sodium	ppm	1	2	2	2
Potassium	ppm	1	0	0	0



WEAR METALS

Iron	ppm	13	10	8	18
Copper	ppm	<1	<1	<1	2
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	<1	<1	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	60	59	58	62
Nickel	ppm	<1	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	<1	0
Manganese	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1100	1093	1130	1070
Magnesium	ppm	980	966	953	1035
Zinc	ppm	1191	1201	1209	1214
Phosphorus	ppm	1017	1001	1020	1045
Barium	ppm	0	<1	<1	0
Boron	ppm	<1	2	2	1

Depot: EVEMIS
Unique No: 5747422
Signed: Wes Davis
Report Date: 15 Mar 2024



GRAPHS

