

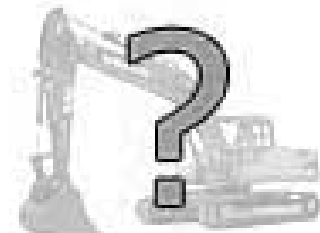
LIEBHERR

CONSTRUCTION EQUIPMENT



50041- Diesel Engine

Sample No: LH
 Oil Type: {unknown}



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	29 Jan 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

American Iron and Metal
 60 SIMMONDS DRIVE
 DARTMOUTH, NS
 CA B3B 1P6
 Contact: Pierre Paille



OIL CONDITION

Visc @ 100°C	cSt	11.6	---	---	---
Oxidation (PA)	%	76	---	---	---

T: (902)468-9664
 F: (902)468-9658



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	80	---	---	---
Sulfation (PA)	%	57	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	1.1	---	---	---
Silicon	ppm	9	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	<1	---	---	---

Diagnosis
 No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	6	---	---	---
Copper	ppm	6	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	61	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	833	---	---	---
Magnesium	ppm	1122	---	---	---
Zinc	ppm	1214	---	---	---
Phosphorus	ppm	1037	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	37	---	---	---

Depot: AIMDAR
Unique No: 5720851
Signed: Bill Quesnel
Report Date: 31 Jan 2024



GRAPHS

