

LIEBHERR

CONSTRUCTION EQUIPMENT



[(360378)] LIEBHERR A918 134117-1508 - Transmission (Auto)

Sample No: LH0216263

Oil Type: PETRO CANADA 10W40



FAUBERT PRECISION CONTRACTING
 1394 194 STREET
 SURREY, BC
 CA V3Z 9R9
 Contact: Service Manager



SAMPLE INFORMATION

Sample Number	LH0216263	LH0216250	---	---
Sample Date	06 Jan 2024	18 Nov 2022	---	---
Machine Hours	2036	1007	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	52.5	47.0	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	3	3	---	---
Sodium	ppm	24	40	---	---
Potassium	ppm	3	4	---	---



WEAR METALS

Iron	ppm	46	31	---	---
Copper	ppm	53	52	---	---
Lead	ppm	2	1	---	---
Tin	ppm	1	1	---	---
Aluminum	ppm	2	3	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	23	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	12	24	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	2192	3550	---	---
Magnesium	ppm	359	7	---	---
Zinc	ppm	1056	1173	---	---
Phosphorus	ppm	1126	1170	---	---
Barium	ppm	2	5	---	---
Boron	ppm	20	5	---	---

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 fluid. Viscosity of sample indicates oil is within SAE 20 range, advise investigate. The condition of the fluid is acceptable for the time in service.

Depot: FAUSUR
 Unique No: 5711092
 Signed: Kevin Marson
 Report Date: 22 Jan 2024



GRAPHS

