

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A904 056759-005 - Swing Drive

Sample No: LH

Oil Type: GEAR OIL SAE 75W90



LIEBHERR CANADA LTEE
 444 AVENUE DE LA FRICHE
 DOLBEAU-MISTASSINI, QC
 CA G8L 3M7
 Contact: Luc Trottier
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 T:
 F: (418)276-9844



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	18 Oct 2023	---	---	---
Machine Hours	14788	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 102	---	---	---
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CONTAMINATION

Water	%	● 0.181	---	---	---
Silicon	ppm	● 2	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 0	---	---	---



WEAR METALS

PQ		● 0	---	---	---
Iron	ppm	● 382	---	---	---
Copper	ppm	● 44	---	---	---
Lead	ppm	● 1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 3	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● <1	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIVES

Calcium	ppm	● 8	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 17	---	---	---
Phosphorus	ppm	● 1406	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 190	---	---	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm. Iron ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is a trace of moisture present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: LBADOL
 Unique No: 5668900
 Signed: Kevin Marson
 Report Date: 27 Oct 2023



GRAPHS

